**NATASHA WINFIELD**

nwinfield@unomaha.edu | 308.224.7137

**EDUCATION**

B.Sc., 2019, *cum laude*

University of Nebraska at Kearney

* Major: Geography & Geographic Information Systems
* Minor: Biology

M.Sc., Current

University of Nebraska at Omaha

* Human Geography

**GEOGRAPHY AND GIS EXPERIENCE**

**University of Nebraska at Omaha**

*Graduate Teaching Assistant* | 2021-Current

* GEOG 1050 Human-Environment Geography
* GEOL 1170 Introduction to Physical Geology
* GEOL 1180 Historical Geology

*Graduate Research Assistant* | 2022-Current

* Assisted the Omaha Spatial Justice team by searching through deeds records from the City of Omaha and locating restrictive covenants

*Graduate Research Assistant* | 2021-2022

* Assisted a faculty member in their research by transcribing and coding interviews they conducted with Indigenous community members

Making Invisible HistoriesVisible

*GIS Graduate Student Intern* | Summer 2022

* Assisted local high school students and teachers to learn how to research and map North 24th street in Omaha using ArcGIS software
* Assisted local high school students and teachers to learn how to research and map elementary schools in the Omaha Public School district using ArcGIS software

**University of Nebraska at Kearney**

*GIS Student Intern* | 2018 – 2019

* Assisted faculty in their research with principles of marketing geography and spatial analysis for an in-home healthcare company based in Des Moines, IA
* Delineated the geographic extent of the market area for analysis
* Identified socioeconomic and demographic characteristics of customers
* Prioritized locations and customer prospects within the market area

*Undergraduate Research Fellow* | 2016 – 2018

* Spatially examined land tenure and ownership of pioneer and heritage farms held by a single family for 100 – 150 years, using geographic information systems
* Created list of original landowners tied to current applicants supplied by the Aksarben Foundation
* Determined relevant factors that impacted long-term landownership rates in Nebraska
* Used GIS software to visually display findings

*GIS Student Investigator* | 2015 – 2016

* Assisted faculty in their research spatially analyzing the accessibility of healthcare clinics relative to Nebraskan youths home residence, who recently left behavioral facilities (i.e. Boystown, YRTC, etc.)
* Spatially analyzed services available using NAICS codes
* Utilized a local network dataset to locate healthcare facilities and allocate demand points to the facilities
* Funded by the Research Student Council

City of Minden, Nebraska

*GIS Intern* | 2015 – 2017

* Collected field data of the city’s utilities with a GEO7x instrument
* Used real time configuration to bring data into Trimble0InSphere software
* Analyzed collected data on ArcMap to explore attributes and create models of class features

**PUBLICATIONS**

Combs, H., Winfield, N., Burger, P., Spatial Examination of Pioneer and Heritage Farms in Nebraska. *Great Plains Quarterly.*

**PAPER PRESENTATIONS**

2019 Winfield, N., Ingersoll, R., Christner, C. Combs, H. Using GIScience and Marketing Geography to Define the Market Area and Segment In-Home Health Care Customers in Des Moines, Iowa. GIS/LIS Symposium. La Vista, NE. April 24th.

2017 Combs, H., Winfield, N., Burger, P. Spatial Examination of Pioneer and Heritage Farms in Nebraska. GIS/LIS Symposium. La Vista, NE. April 28th.

**POSTER PRESENTATIONS**

2019 Combs, H., Winfield, N., Burger, P. Spatial Examination of Pioneer and Heritage Farms in Nebraska. Student Research Day, University of Nebraska-Kearney, Kearney, NE. April 4th.

2018 Combs, H., Winfield, N., Burger, P. Spatial Examination of Pioneer and Heritage Farms in Nebraska. Great Plains Rocky Mountain Regional Geographer’s Conference. Manhattan, KS. October 6th.

2017 Combs, H., Winfield, N., Burger, P. Spatial Examination of Pioneer and Heritage Farms in Nebraska. Student Research Day, University of Nebraska-Kearney, Kearney, NE. April 13th.

2016 Winfield, N., Lazarova, M. The ABC’s of Astronomy. Student Research Day, University of Nebraska-Kearney, Kearney, NE. April 15th.

**PROFESSIONAL ORGANIZATIONS**

American Association of Geographers

*Member since 2015*

Gamma Theta Upsilon

*Member since 2015*

**SCHOLARSHIPS AND AWARDS**

**University of Nebraska-Omaha**

* Engagement Scholarship Consortium Grant 2022-2023

**University of Nebraska-Kearney**

* College of Arts and Sciences Academic Excellence Award 2019
* Honors Program Room & Board Scholarship 2018 – 2019
* Honors Program Study Abroad Scholarship 2018
* John and Sonia Sahling Scholarship 2017, 2018, 2019
* Mr. & Mrs. O. King Scholarship 2016 – 2017
* Outstanding Geographer’s Scholarship 2016 – 2017