

# Desmond O'Donnell

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## RESEARCH EXPERIENCE

### Analytical Projects Using GIS

- Use of Geographic Information Systems for various theoretical planning initiatives related to environmental risks, issues pertaining to urban landscapes, and poverty.
- Used census data and mapping technology to determine the most effective ways to use and distribute government-funded resources including around food-stamp use and disaster relief.

### Homelessness in Ramsey County

- Researched homelessness in Ramsey County and government and community initiatives and policies surrounding the issue.
- Presented project focused on a theoretical plan aimed at ending homelessness in Ramsey County by using input from various parties including homeless shelters, city government, and the homeless themselves.

### Current Projects

- Extensive research on the Minnesota Water Buffer Initiative
- Research on constructed urban environments and environmental impacts
- Research on the Black Lives Matter movement in New York and the potential underlying institutional racism

## EDUCATION

### **B.A. Gustavus Adolphus College, St. Peter, MN May 2016**

*Geography Major*  
*Peace Studies Minor*  
*3.45 GPA*  
*Study Abroad: Cuba*

*Courses: Urban Geography; Research Methods in Geography; Political Geography; GIS; Geographies of Peace, Crime, and Violence; Public Discourse; Water and Hydrology Resources; Physical Geography; Globalization; Social Problems; US Government and Politics*

## LEADERSHIP AND SERVICE

- Gustavus Geography Department Teaching Assistant
- Diversity Honor Role
- Co-President, Nu Upsilon Gamma

## ARCGIS EXPERIENCE

Map Production, Georeferencing, Digitizing, Spatial Analysis, Editing Data, Data Management, Data Conversion, Geocoding