

My final project for Cartography 572 will be centered around housing displacement as a result of eviction and gentrification explaining and demonstrating how Peter Marcuse's four different types of displacement impact people across the US. These four types of displacement include direct last-resident displacement, direct chain displacement, exclusionary displacement and displacement pressure. My map will focus on direct chain displacement in Dane County drawing on research from Revel Sims from the UW-Madison Department of Urban and Regional Planning. I will be mapping research from Sims on chain displacement in Dane County. In the research he currently has a map demonstrating "continuously high risk block groups" and where chain displaced folks are relocated within Dan County. I aim to redesign this map to be interactive and include all levels of risk for change displacement. I also plan on emphasizing historical contexts by overlaying redlined maps of Madison to look for correlations between chain displacement and redlining.

The story I hope to tell is how the four different types of displacement arise across US cities and how they uniquely impact residents and local urban geographies. I would like to highlight the other three types of displacement and what cities are impacted by them most and how the impacts differ from each other with emphasis on Sims' research on chain displacement in Dane County. Finally, by the end of the story, I will make evidence-based policy recommendations for how to protect people against each type of displacement with focus on policy recommendations for Dane County specifically.

I have supporting evidence of different types of displacement from Sims' piece on chain displacement but am connecting with Sims' to get access to geospatial data of chain housing eviction featured on the map in this piece. Other datasets I acquired come from the Princeton Eviction Lab which has datasets of eviction records for 31 cities in a variety of years which will be helpful in demonstrating how eviction impacts the different types of displacement. I also have acquired supporting data about displacement in Dane County which will expand my argument of how displacement functions specifically in Dane County. Furthermore, I acquired tables and graphs that demonstrate cities with neighborhoods gentrified from 200-2013 from an article discusses the role of gentrification in displacement where I can discuss how direct last-resident displacement and displacement pressure result from gentrification and the general impacts it has on displaced folks.

I plan on using all of this information and data to create a longform infographic about displacement as I have detailed earlier. I would like to have all supplemental graphs and maps be interactive as my general goal of the project is to submerge the viewer into the world of the displaced. I would like to generally follow the three-act narrative in order for the viewer to truly empathize with those that are displaced for a variety of reasons through the creation of characters, dark/serious mood, proper attention and interactivity of maps and graphs. Interactivity will be an important part of this story as it is the main technique I will use to improve upon Sims' data and to evoke pathos from the research/data.

Additionally, this project will require the use of ESRI StoryMaps in order to complete the longform infographic. I will also use ArcGIS Pro, likely to just organize my data and play around with it as it is the application I am most familiar with. Lastly, I will also utilize Adobe Illustrator to polish the aesthetics of graphics and images I create to ultimately enhance the design to convey the correct mood, attention, and other tropes I may utilize along the way.

Finally, this project is a great way to advance my professional development. I am strongly interested in going to graduate school for urban and regional planning (hopefully at UW) so this project is a great way to make a connection with Revel Sims in the planning department. Furthermore, by using his data, I will be able to demonstrate my abilities in cartography and urban planning which will hopefully catch the eye of Sims and the planning department and help me get into graduate school. Ultimately, in general this project and the topic I have selected gives me exposure to working with urban geographies and as a result I will gain better understanding and background knowledge of urban processes which will serve me when I eventually start my masters whether that be at UW or somewhere else.

## Data/Resources

<https://journals.sagepub.com/doi/10.1177/1078087419886114>

<https://www.tandfonline.com/doi/full/10.1080/02723638.2015.1046698?scroll=top&needAccess=true>

<https://uwmadison.app.box.com/v/EvictedInDaneCounty>

<https://compass-onlinelibrary-wiley-com.ezproxy.library.wisc.edu/doi/pdfdirect/10.1111/gec3.12355>

<https://journals.sagepub.com/doi/pdf/10.1177/0309132519830511>

<https://disparitydialogue.journalism.wisc.edu/2018/12/06/redlining-map-of-madison/>

<https://dataspace.princeton.edu/handle/88435/dsp01df65vb93t>

<https://scholar.harvard.edu/files/mdesmond/files/desmondshollenberger.demography.2015.pdf>

<https://www.huduser.gov/portal/sites/default/files/pdf/displacementreport.pdf>

<https://data.humdata.org/dataset/preliminary-internal-displacement-updates>

(more data from Sims's and others to come)