

Ethan Roubenoff

Univeristy of California, Berkeley
Department of Demography
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Education **University of California, Berkeley**

M.A., Demography, Expected 2019 (GPA: 4.0/4)
Fields: Formal Demography, Spatial Demography

Northwestern University

B.A., Sociology, 2018 (GPA: 3.45/4)
Minor in Critical Theory
Fields: Quantitative Sociology, Human and Statistical Geography, Transportation, Urban Sociology, Computer Science

Research **Department of Sociology, Northwestern University**

Undergraduate Honors Thesis: Off the Rails—Visual and Statistical Evidence of the Unique Patterns of Racial and Economic Bifurcation around Chicago Public Transportation Stations
Advisors: Mary Pattillo and Anthony Chen
Using GIS and Spatial Statistical Analysis, I looked at patterns of socioeconomic and racial clustering around Chicago's light rail stations. I found evidence of two distinct types of clusters: concentrated poverty and affluence relative to the surrounding neighborhood.

Breast Cancer Patient Empowerment and Doctor-Patient Decisionmaking Relationships
Advisor: Karrie Ann Snyder
Worked with interview data of 69 women who had recieved treatment for breast cancer. We looked for disparities in patients' role in treatment decisionmaking and sense of empowerment stratified by race, class, and other socioeconomic charactertics. Our findings were published in *Sociology of Health Care* in 2018.

Department of Political Science, Northwestern University

Chicago Democracy Project (CDP)
Advisor: Thomas Ogorzalek
I served as webmaster for the CDP's map-based database of Chicago elections. I worked primarily in web development to create a tool for researchers interested in spatial patterns of election results, turnout, and key neighborhood demographics.

Department of Chemistry, O'Halloran Lab, Northwestern University

Advisors: Thomas O'Halloran and Amanda Bayer

Conducted research in the organic synthesis of zinc-specific chelators

**Grants
Recieved**

Northwestern University

With the CDP under Thomas Ogorzalek

Office for Undergraduate Research (OUR): Undergraduate Research Assistant Program Academic Year Grant, AY 2017-18

Institute for Policy Research (IPR): Summer Research Fellow, Summer 2017

For preliminary thesis research under Karrie Snyder

Weinberg College Summer Grant, Summer 2016

For work in the O'Halloran Lab

OUR Summer Undergraduate Research Grant, Summer 2015

**Languages
and Skills**

English (native), Spanish (Proficient)

Extensive Experience: R, JavaScript (React, GraphQL, Postgres), QGIS, GeoDa

Proficient: ArcGIS, Python, C++, Leaflet

**Work
Experience**

Norris University Center

Productions Assistant, 2017-2018

Evanston, IL

The House of Findings

Photographer, 2012-2015

Brookline, MA and Cambridge, MA

Pediatric Dental Associates of Brookline

Office Assistant, 2012-2013

Brookline, MA

**Leadership and
Involvement**

Phi Mu Alpha Sinfonia Music Fraternity, Iota Chapter

Alumni Relations, Education, President, and Province Representative

Mariachi Northwestern

General Member, Music Director

Northwestern Wildcat Welcome Peer Advisor

Responsible for leading a small group, 10-day, first year orientation