

Ethan Roubenoff

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University of California, Berkeley
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Education

University of California, Berkeley

—PhD, Demography (in progress; expected 2023)
—Fields exams (passed October 2020): Formal Demography, Spatial Statistics, Public Health Demography
—MA, Demography, 2019

Northwestern University

—B.A., Sociology (honors), 2018
—*Thesis, with distinction*: 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.
—Minor in Critical Theory

Publications

Snyder, K.A., Tate, A. and Roubenoff, E. (2018), “Younger Women with Breast Cancer and Treatment Decision-Making: Rethinking Patient Involvement and Empowerment”, *Gender, Women’s Health Care Concerns and Other Social Factors in Health and Health Care* (Research in the Sociology of Health Care, Vol. 36), Emerald Publishing Limited, pp. 37-58.

Presentations

Roubenoff, E., Slootjes, J., and Bloemraad, I. “Quantifying Accessibility to Health Care and Legal Services for Immigrants in California, Arizona, and Nevada”. Population Association of America, 2021. Online.

Research

Berkeley Interdisciplinary Migration Initiative (BIMI)

Graduate Student Researcher (February 2020 - Ongoing) — Mapping Spatial Inequality Project

With: Jasmijn Slootjes, Irene Bloemraad

—*In Progress*: Developing a Service Accessibility Index (SAI) to quantify the spatial mismatch of health and legal services and immigrant populations
—Expanded a comprehensive service database and interactive web map of immigrant-oriented health and legal services in California’s Bay Area and Central Valley (forthcoming: all services in CA, NV, and AZ) https://shiny.demog.berkeley.edu/bimi/access_to_immigrant_services/
—Created a map of COVID-19 incidence overlaid with national-level health services and census data on immigration prevalence: https://shiny.demog.berkeley.edu/bimi/immigrantsatrisk_covid19map/

Berkeley Interdisciplinary Contact Survey (BICS)

With: Dennis Feehan, Ayesha Mahmoud

—*In Progress*: conducting an online survey of employment-based exposure to COVID-19

Lapkoff and Gobalet Demographic Research

Demographic Consultant

Department of Demography, UC Berkeley

Graduate Student Researcher (Summer 2019)—*Human Mortality Database*

With: Magali Barbieri

—Country Specialist for Belgium, Luxembourg. Worked on county-level mortality estimates using Alexander et al 2017, A Flexible Bayesian Model for Estimating Subnational Mortality

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 received 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 characteristics. 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

University of California, Berkeley

Department of Demography

PI: Dr. Joshua Goldstein: National Institutes of Aging Trainee 2019-2021

Northwestern University

PI: Thomas Ogorzalek, with the Chicao Democracy Project

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 with Karrie Snyder

Weinberg College Summer Grant, Summer 2016

For work in the O'Halloran Lab

OUR Summer Undergraduate Research Grant, Summer 2015

Courses
Taught

University of California, Berkeley

Instructor: Population, Plague, and Pestilence: How Social Conditions Shape Disease

Graduate Student Instructor: Demography/Sociology c126: Sex, Death, and Data

Graduate Student Assistant: Berkeley Workshop in Formal Demography 2020

Topic: Bayesian Computing in Demography

Languages
and Skills

English (native), Spanish (Proficient), Hebrew (Listening)

Extensive Experience: R, R-Spatial (including `sf`, `sp`, `tmap`, and GDAL)
JavaScript (React, GraphQL), PostgreSQL/PostGIS, QGIS, GeoDa

Proficient: ArcGIS, Python, C++, Leaflet