

VICTORIA FISHER

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[GitHub](#)

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Cambridge, MA

EDUCATION

- MPH** University of Michigan, Epidemiology April 2023
Thesis: "Association of neighborhood segregation and epigenetic age in older American adults"
Advisors: Dr. Kelly Bakulski, PhD, Dr. Margaret Hicken, PhD, MPH
GPA: 3.99/4
- ND** University of Chicago, Linguistics (graduate, non-degree). December 2020
Supervisor: Lenore Grenoble, PhD
GPA: 4/4
- BS** Boston College May 2017
Marketing; Digital Design
GPA: 3.5/4

RESEARCH EXPERIENCE

- Research Associate and Project Manager** May 2023 to Present
Michigan State University (remote)
PI: Dr. Nadia N. Abuelezzam, ScD
- Computational researcher employing political economics, human geography, sociology, and systems science frameworks to develop novel methods for quantifying mechanisms of health disparities.
 - Led or co-authored 4 peer-reviewed scientific articles; have presented 5 projects at national conferences including two oral presentations.
 - Serve as statistical analysis support for junior researchers.
- Master of Public Health Thesis** May 2022 to April 2023
University of Michigan, Epidemiology Department
Advisor: Dr. Kelly Bakulski, PhD
- Through multivariate regression, conducted a cross-sectional analysis of the relationship between residential racial segregation clustering and epigenetic age acceleration in a subset of nationally representative older American adults. This research fills a gap in the literature exploring neighborhood segregation as a proxy for structural racism and its relationship to epigenetic ageing, as an indicator of health inequity.
 - Working with two research groups to align thesis analysis with grant and publication requirements.
- Communications & Research Assistant** Sep 2022 to April 2023
University of Michigan, Housing Solutions for Health Equity Initiative
- Assist with conceptualization and oversee the initiative's social media, policy impact, and communication strategies. Maintain the initiative's website to include current content and update the website as needed.

- Create and design a newsletter to disseminate to our academic, policy, and community partners on the confluence of public health and housing policy.
- Create descriptive statistics tables and linear models; assist with literature reviews, manuscript writing, and editing.

Statistician

Sep 2022 to Jan 2023

University of Michigan, STATCOM

- Worked with a small team of graduate students to create statistical models for the City of Detroit Housing Commission assessing the role rental assistance programs played in percentage of late rental payments for public housing tenants during the COVID-19 pandemic.
- Developed descriptive statistics tables and generalized linear models grouped by building to assess trends in tenant demographics and payment timing. Designed a brochure for preliminary findings.
- STATCOM is a community-facing student volunteer group that aims to help local nonprofits who need help solving complex statistical problems.

Graduate Research Assistant

Jan 2020 to Aug 2021

University of Chicago, Linguistics Department

- Oversaw three multi-author editorial projects, comprising over 20 international linguists.
- Managed peer review, formatting, copy editing, and English translations from Czech and Slovak.

PUBLICATIONS

Fisher V, Alkhouri N, Michel I, O'Connor C, Abuelezzam NN. The impact of historical redlining policies on community composition and the COVID-19 pandemic in Boston. *PLOS One*. 20(6): e0324020.

<https://doi.org/10.1371/journal.pone.0324020>

- Role: Co-first author (equal responsibility), led statistical analysis, developmental edits.

DeAngelis R, **Fisher V**, Dou J, Bakulski K, Rigby D, Hicken M. Residential Segregation and Epigenetic Age Acceleration Among Older-Age Black and White Americans. *International Journal of Environmental Research and Public Health*. 2025; 22(6):837. <https://doi.org/10.3390/ijerph22060837>

- Role: Original research for MPH thesis; developmental edits to manuscript iteration.

Fisher V, Boretsky A, Alkhouri N, Abuelezzam NN. Then and now: umbrella variables mask temporal mechanisms of structural racism in US urban environments. *Critical Public Health*. 2025;35(1):2492798. doi:[10.1080/09581596.2025.2492798](https://doi.org/10.1080/09581596.2025.2492798)

- Role: First author; conceptualized, led statistical analysis, wrote manuscript.

Boretsky A, **Fisher V**, Abuelezzam NN. Intersectionality of sex and race in COVID-19 mortality and vaccination inequities in Massachusetts. *BMC Public Health*. 2024;24(1):2987. Published 2024 Oct 29. doi:10.1186/s12889-024-20340-z

- Role: Guided statistical analysis and developmental editing.

Alkhouri N, **Fisher V**, Abuelezzam NN. Equity in Wastewater Surveillance: Assessment of the National Wastewater Surveillance System for COVID-19. *Under review AJPM Focus (August 2025)*.

- Role: Supported research design, statistical analysis, and developmental edits.

PRESENTATIONS & INTERVIEWS

2025 Society for Epidemiologic Research Annual Meeting

Boston, MA, June 2025



Panel presentation: “Historical Political Economics for Population Health Research” in the “What’s in a place? Incorporating place-based context into intersectional epidemiology research on health disparities” session.



Oral Abstract Presentation: “Extending Intersectional Methods to Population Health Research” in the “Methods: Definitions, Approaches, and Challenges” session.

2025 Health Academy Annual Research Meeting (accepted, not presented)

Minneapolis, MN, June 2025



Poster presentation: “Understanding Structural Determinants of Health and U.S. County COVID-19 Mortality: A Novel Intersectional Methodology”

2024 Academy Health Annual Research Meeting

Baltimore, MD, July 2024



Poster presentation: “Delineating mechanisms of structural racism by time: excess all-cause mortality in Kansas City, 2020 - 2021”

2024 Society for Epidemiologic Research Annual Meeting

Austin, TX, June 2024



Poster presentation: “Trends in Tuberculosis: Geographic changes in TB prevalence among US-Born cases, 2016 - 2022”



Poster presentation: “Historical disenfranchisement, contemporary disadvantage, and excess all-cause mortality in Kansas City, 2020 – 2021”



Speaking of Alzheimer’s – Alzheimer’s Association New England

May 2024

[*Podcast episode:*](#) “Shaping the Future of the Ageing & Dementia Workforce”

Epidemiology Department Poster Session

University of Michigan, Ann Arbor, November 2022



Poster presentation “Is residential racial segregation associated with epigenetic ageing?”

TEACHING EXPERIENCE

Graduate Student Instructor, Public Health

Sept 2022 to Dec 2022

University of Michigan, Ann Arbor

- Assisted Dr. Victor Strecher with ‘Social and Behavioral Foundations of Public Health’, an undergraduate course averaging 50 students per semester.
- Independently created lesson plans and taught two discussion sections of approximately 25 students each.

ACADEMIC HONORS AND ACHIEVEMENT

Winner, Epidemiology Poster Session

University of Michigan, Ann Arbor, November 2022

My poster, “Is residential racial segregation associated with epigenetic ageing?” was one of six winners selected at the University of Michigan Department of Epidemiology annual poster session, which features over 100 posters.

RELEVANT COURSEWORK

Spatial Epidemiology, University of Michigan, Winter 2023
 Sampling and Power, University of Michigan, Winter 2023
 Survey Methods, University of Michigan, Winter 2023
 Metropolitan Structure (Political Economies), University of Michigan, Winter 2023

 Epidemiology of Ageing, University of Michigan, Fall 2022
 Epidemiological Statistic Methods, University of Michigan, Fall 2022
 Applications of Epidemiology, University of Michigan, Fall 2022
 Surveillance and Publicly Available Datasets, University of Michigan, Fall 2022
 Contemporary Methods in Epidemiology, University of Michigan, Fall 2022

 Biostatistical Analysis, University of Michigan, Winter 2022
 Genetics in Epidemiology, University of Michigan, Winter 2022
 Applied Epidemiological Data Analysis, University of Michigan, Winter 2022
 Public Health Science and the Environment, University of Michigan, Winter 2022

 Applied Biostatistics, University of Michigan, Fall 2021
 Intro to Public Health Genetics, University of Michigan, Fall 2021
 Biologic Basics of Diseases for Epidemiologists, University of Michigan, Fall 2021
 Introduction to Epidemiologic Methods, University of Michigan, Fall 2021

PROFESSIONAL TRAINING

School of Public Health Summer Session

University of Michigan, Ann Arbor, July 2022

Course: Spatial Statistics for Epidemiology—a one-week intensive course on spatial epidemiological methods in R.

PROFESSIONAL AFFILIATIONS

Society for Epidemiologic Research

2024-Present

Early Career Member

Network for Innovation Methods in Longitudinal Ageing Studies

2022-Present

Working Group: The creation of high-quality longitudinal data for ageing minority populations

SKILLS

Programming: R (proficient), Python (learning), SAS (familiar), HTML/CSS (intermediate)

Research: Study design, advanced statistical methods, project management, literature review, science writing & editing, real-world data analysis

WORK EXPERIENCE

Communications Specialist, Center for Social Solutions
University of Michigan, Ann Arbor, MI

Sept 2020 to Sept 2022

- Oversaw all strategic communications efforts for the racial and social justice research center, including thought leadership, editorial calendar development, fundraising initiatives, PR, branding, social media, website management, and event production.
- Managed the multi-team research website development project; identified stages, delegated duties, designed feedback strategies, presented products to leadership.
- Interviewed, hired, and delegated to undergraduate and graduate communications assistants.

Marketing Associate

Feb 2020 to Aug 2020

Opportunity International, Chicago, IL

- Developed communication collateral including capital campaigns, event invitations, presentations, brochures and social media fodder.
- Contributed to fundraising event production that raised over \$500,000.
- Managed contact database, expense reports, and website inquiries.

Communications Coordinator

May 2019 to Jan 2020

Skidmore Owings & Merrill, Chicago, IL

- Supported firm-wide and local communications managers in the advancement of strategic communications initiatives, including the creation of project storytelling, narratives, white paper development, and award submissions.
- In-house videographer and producer, copyright manager.
- Press relations and press monitoring.

Communications Coordinator

June 2017 to April 2019

Sasaki, Watertown, MA

- Communications coordinator specializing in multimedia content production.
- Developed thought leadership and areas of focus for the firm's editorial calendar; ghostwrote for practice leadership.
- Co-managed communications interns and assistants.