

Noah Hirschl

nhirschl@gmail.com | Tel: 607-229-6824 | [LinkedIn](#)

Education

Ph.D. Sociology (Minor: Education Sciences), University of Wisconsin-Madison	Aug 2023
IES Predoctoral Fellow, <i>Interdisciplinary Training Program in Education Sciences</i> Demography Affiliate, <i>Center for Demography and Ecology</i>	
M.S. Sociology , University of Wisconsin-Madison	Dec 2020
B.S. Development Sociology , Cornell University	May 2014

Skills

Research methods: Experimental methods, quasi-experiments, demographic methods, survey design, semi-structured interviews, qualitative coding, directed acyclic graphs (DAGs)

Quantitative methods: Multi-level models, Bayesian inference, matching methods, survival analysis, difference-in-differences, regression discontinuity, instrumental variables, factor analysis, structural equation modeling, psychometrics, geospatial statistics

Computer programs: R, Stata, SAS, Python, ATLAS.TI, Qualtrics, MS Office, Adobe Suite

Research positions

Postdoctoral Research Associate <i>Full time</i>	USDA Food Systems Research Unit <i>USDA ARS (Burlington, VT)</i>	Sep 2024-Apr 2025
<ul style="list-style-type: none">Led an interdisciplinary, multi-institutional team to conduct a systematic review on climate change vulnerability of the Northeast.		
Quantitative Researcher <i>Full time</i>	Food Security Innovation Lab <i>Vermont Foodbank (remote)</i>	Oct 2022-Aug 2024
<ul style="list-style-type: none">Designed and led mixed-methods research to evaluate four pilot projects addressing root causes of food insecurity. Used geospatial statistics, quasi-experimental methods, and demographic methods to analyze administrative and survey data. Conducted and analyzed 40 semi-structured interviews. Wrote and led original mail- and internet-based survey. Wrote policy briefs and presented findings to stakeholders.		
Research Assistant (various projects) <i>Half time</i>	Department of Sociology & Center for Demography and Ecology <i>University of Wisconsin-Madison (Madison, WI)</i>	Aug 2016-Sep 2022
<ul style="list-style-type: none">Analyzed multiple large administrative datasets to identify equity issues in Wisconsin public education. With graduate student co-author, conceived and completed projects examining equity in college access in Wisconsin using multi-level models, regression discontinuity, and difference-in-differences. Published a co-authored report, four journal articles, and orally presented findings to policymaking audiences in state government.Analyzed administrative database containing complete records of criminal case processing in Texas using multi-level models. Managed a team of 56 undergraduate research assistants using a bespoke R Shiny online survey tool to link visual perception data to tens of thousands of case files. Co-wrote two articles for academic journals.		

- Co-wrote grant applications and successfully gained access to Census Bureau restricted data. Used fuzzy matching techniques to link across multiple databases, used log-linear models to analyze demographic and labor market outcomes.
- Organized, cleaned, and conducted statistical analyses of demographic outcomes using The National Survey of Families and Households.
- Conducted statistical analysis from an original survey of public-school teachers in Wisconsin. Lead-authored a report intended for policymakers and practitioners.

Journal publications (+ = student/postdoc co-author)

Hirschl, Noah, Christine Schwartz, and Elia Boschetti⁺. 2024. "Eight Decades of Educational Assortative Mating: A Research Note" *Demography* 61(5): 1293–1307.

Hirschl, Noah and Christian Michael Smith⁺. 2023. "Advanced Placement Gatekeeping and Racialized Tracking." *Sociology of Education* 96(3):190-210.

Smith, Christian Michael⁺ and **Noah Hirschl**. 2023. "Mixed Signals? Economically (Dis)advantaged Students' College Attendance under Mandatory College and Career Readiness Assessments." *Educational Researcher* 52(3):131-143.

Smith, Christian Michael⁺ and **Noah Hirschl**. 2022. "College Attendance among Low-Income Youth: Explaining Differences across Wisconsin High Schools." *CEPS Journal* 12(3), 33-57.

(equal authorship) **Hirschl, Noah** and Christian Michael Smith⁺. 2020. "Well-Placed: The Geography of Opportunity and High School Effects on College Attendance." *Research in Higher Education*. 61(5), 567-587.

Other research works

Hirschl, Noah and Eric Grodsky. 2020. "The Condition of Education in Wisconsin." *WCER Working Paper Series*.

Corral, Daniel, Na Lor, **Noah Hirschl**, and Eric Grodsky. 2020. "Equity and Access in the UW System: A Review of Student Applications." *WCER Working Paper Series*.

Hirschl, Noah and Christian Michael Smith*. 2018. "College Attendance among Low-Income Youth: Explaining Differences across Wisconsin High Schools." *WCER Working Paper Series*. *Authors contributed equally and are listed in alphabetical order.

Eloundou-Enyegue, Parfait M., and **Noah Hirschl**. 2017. "Fertility transitions and schooling dividends in Sub-Saharan Africa: The experience of Vanguard Countries." *Africa's Population: In Search of a Demographic Dividend*: 101-111.

Light, Michael T. and **Noah Hirschl**. "Racial/Ethnic Inequality in Punishment: Comparing Self-Reported Race to Perceived Race."

Hirschl, Noah. "Horizontal Stratification among Graduate and Professional Degrees." (*Draft available*)

Hirschl, Noah. "Labor Market Segregation and the Net-Black Advantage in College Attendance." (*Draft available*)