

Cody Arlie Reed

Abu Dhabi, UAE
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New York University Abu Dhabi

COMPUTATIONAL SOCIOLOGIST • SPATIAL INEQUALITY • SOCIAL MOBILITY • HUMAN MIGRATION

PROFILE

Computational sociologist studying how racialized urban structure, social mobility, and spatial inequality are organized across space and time, using large-scale mobility data, demographic data, and computational methods.

APPOINTMENT

New York University Abu Dhabi

Postdoctoral Associate, CITIES Research Institute

September 2025–Present

EDUCATION

Cornell University

Ph.D., Sociology

M.A., Sociology

Ithaca, NY

2025

2022

University of North Carolina Charlotte

M.A., Sociology

Charlotte, NC

2019

University of South Dakota

B.S., Sociology with honors

Vermillion, SD

2017

Avera McKennan School of EMS

National Certification in Paramedicine

Sioux Falls, SD

2012

DISSERTATION

Reed, Cody Arlie. 2025. "Edges and Flows of Urban Racial Structure: Computational Approaches for Assessing Urban Inequality." *Ph.D. dissertation*, Cornell University.

THESIS

Reed, Cody Arlie. 2019. "Ecological Influence of the Middle-Income Population on Economic Mobility, Educational Outcomes, and Healthy Habits." *M.A. thesis*, University of North Carolina at Charlotte.

PUBLICATIONS

Garip, Filiz, and **Cody Arlie Reed**. 2025. "Climate Change and Human Mobility: Considering Context, Mechanisms, and Selectivity." *Population and Development Review* 51(1): 449–489. doi:10.1111/padr.12716.

Gutierrez, Cassity, **Cody Arlie Reed**, Eric Rupe, and Becky Wolff. 2020. "Using Compression-Only CPR Mini-Training Sessions to Address Rural Bystander Care." *Online Journal of Rural Nursing & Health Care* 20(1): 57–69. doi:10.14574/ojrnhc.v20i1.593.

RESEARCH

Cornell University

Graduate Research Assistant

2019–2025

- Analyzed and wrote for a social mobility project.

Cornell University / Princeton University

Graduate Research Assistant

2019–2025

- Created an R program for sampling network referrals and Facebook ads to recruit survey respondents from a target population.
- Led writing and primary analysis on climate change and cross-national migration.

RESEARCH, CONTINUED

University of North Carolina Charlotte

2018-2019

Graduate Research Assistant

- Used Stata to organize and analyze vignette survey data; helped edit working drafts on gendered parenting attitudes.

University of North Carolina Charlotte

2017-2018

Graduate Research Assistant

- Used SPSS to organize and analyze General Social Survey data; conducted an online analysis of the Alt-Right social movement.

University of South Dakota

2015-2016

Student Researcher

- Conducted a content analysis of Evangelical immigration attitudes.

University of South Dakota

2014-2015

Student Researcher

- Administered pre- and post-surveys measuring confidence and efficacy; taught experimental compression-only CPR sessions.

TEACHING

Cornell University

Teaching Assistant – SOC 2208: Social Inequality

Spring 2024

Teaching Assistant – SOC 1101: Introduction to Sociology

Fall 2023

Teaching Assistant – SOC 2220: Controversies About Inequality

Fall 2022

Teaching Assistant – SOC 1101: Introduction to Sociology

Spring 2022

Teaching Assistant – SOC 2220: Controversies About Inequality

Fall 2021

University of North Carolina Charlotte

Teaching Assistant – SOC 4156L: Quantitative Analysis Lab

2017-2019

Sanford Health

Lecturer – Emergency Medical Technician Certification Course

2016-2017

PRESENTATIONS

Reed, Cody Arlie. 2024. "Daily Dynamics of Urban Racial Segregation in the United States." Paper presented at the RC28 Annual Conference, Providence, RI, August 2024.

Reed, Cody Arlie. 2024. "Do Adolescents Know What Their Parents Do? Knowledge About Parents' Occupations in the Context of Occupational Reproduction." Paper presented at the Population Association of America Annual Conference, Columbus, OH, April 2024.

Reed, Cody Arlie. 2023. "Do Adolescents Know What Their Parents Do? Knowledge About Parents' Occupations in the Context of Occupational Reproduction." Presented at the Center for the Study of Inequality Discussion Group, Ithaca, NY, November 2023.

Reed, Cody Arlie. 2023. "Racialized Space and Structural Connectedness in the United States." Paper presented at the Population Association of America Annual Conference, New Orleans, LA, April 2023.

Reed, Cody Arlie. 2023. "Racially Segmented Mobility Networks in the United States." Presented at the Cornell University Graduate Research Symposium, Ithaca, NY, March 2023.

Reed, Cody Arlie, Mauricio Bucca, and Kim A. Weeden. 2022. "How Adolescent Plans Affect Social Mobility." Paper presented at the ASA Annual Meeting, Los Angeles, CA, August 2022; Social Mobility main session.

Reed, Cody Arlie. 2022. "Daily Dynamics of Racial and Income Segregation." Presented at the Cornell University Graduate Research Symposium, Ithaca, NY, April 2022.

Reed, Cody Arlie. 2021. "Daily Dynamics of Racial Segregation." Paper presented at the Population Association of America Annual Conference, digital conference, May 2021.

Reed, Cody Arlie. 2019. "Ecological Influence of the Middle-Income Population on Economic Mobility and Educational Outcomes." Paper presented at the Southern Sociological Society Annual Conference, Atlanta, GA, April 2019.

Reed, Cody Arlie. 2018. "The Alt-Right and Right-Wing Movements." Session presider at the Southern Sociological Society Annual Conference, New Orleans, LA, April 2018.

PRESENTATIONS, CONTINUED

- Reed, Cody Arlie. 2016. "Does Growing Economic Inequality Mean Growing Health Inequality?" Presented at the University of South Dakota Annual Health Sciences Research Conference, Vermillion, SD, April 2016.
- Gutierrez, Cassity, Cody Arlie Reed, and Eric B. Rupe. 2016. "Hands-Only CPR: Assessing the Impact of Mini-Training Sessions to Increase the Knowledge and Confidence of College Students to Administer Care." Poster presented at the Society of Public Health Education National Conference, Charlotte, NC, March 2016.
- Reed, Cody Arlie. 2016. "Does Growing Economic Inequality Mean Growing Health Inequality?" Presented at the University of South Dakota IdeaFest Conference, Vermillion, SD, March 2016.
- Reed, Cody Arlie, and Eric B. Rupe. 2015. "Hands-Only CPR: Decreasing Mortality with Practical CPR Training in Rural Areas." Invited panel discussion at the American Heart Association Cardiac Care State Conference, Pierre, SD, September 2015.

AWARDS

Robert W. McGinnis Paper Award, Cornell University Sociology Department	2023
Sage Doctoral Fellowship, Cornell University	2019-2025
Inequality Graduate Fellow Award, Center for the Study of Inequality	2019
Sociology Graduate Research Award, UNCC Department of Sociology	2019
ICPSR Summer Program Diversity Scholarship, University of Michigan	2019
University of Michigan PSC Fellowship, National Institute on Aging (declined)	2019-2022
George S. Rent Fellowship, UNCC Department of Sociology	2018-2019
Graduate School Tuition Award, UNCC Graduate School	2017-2019
Sociology Master's Student Tuition Award, UNCC Department of Sociology	2017-2019
Jerry H. Lammers Memorial Scholarship, University of South Dakota	2016-2017
Scott & Stacey Kesling Stern Scholarship, University of South Dakota	2016-2017
Mickelson Award, University of South Dakota	2015-2016
Lambda Chi Alpha Outstanding Scholar Award, University of South Dakota	2015-2016
USD Arts & Sciences Scholarship, University of South Dakota	2014-2015
Dr. Glenn E. and Barbara R. Ullyot Scholarship, University of South Dakota	2014-2015
Jacob Z. Ezbenshade Scholarship, University of South Dakota	2014-2015

SERVICE

Sociological Graduate Student Association <i>Co-President</i>	2021-2022
Sociological Graduate Student Association <i>Senator</i>	2017-2019
Voting member of the Graduate and Professional Student Government Senate.	

METHODS & SOFTWARE

Spatial analysis · Network methods · Mobility and demographic data · R · Stata · Python · Julia