

# Fatima Touma

Department of Sociology  
The University of Colorado Boulder  
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## EDUCATION

2025 Ph.D., Sociology, University of North Carolina at Chapel Hill

2019-2025 Population Science Predoctoral Trainee, Carolina Population Center

2021 M.A., Sociology, University of North Carolina at Chapel Hill

2009 B.A., Cultural Anthropology, University of Maryland, Baltimore County  
Minor in Mathematics

## PROFESSIONAL POSITIONS

2025 - present Assistant Professor, Department of Sociology, University of Colorado Boulder

2025 - present Fellow, Institute of Behavioral Science

2025 - present Faculty Affiliate, University of Colorado Population Center

## RESEARCH AND TEACHING AREAS

Population Health; Demography; Immigration; Health Disparities; Medical Sociology; Life Course; Quantitative Methods; Data Linkages

## PUBLICATIONS

LeMasters, Katherine, Alena Sorensen D'Alessio, **Fatima Touma**, Nafeesa Andrabi, Lauren Brinkley-Rubinstein, and Carmen Gutierrez. 2024. "The Physiological Toll of Arrests: An Examination of Arrest History on Midlife Allostatic Load." *Annals of Epidemiology* 96:1–12. DOI: 10.1016/j.annepidem.2024.05.007. PMID: 38796042

**Touma, Fatima** and Howard Aldrich. 2023. "Forty Years of Reflection, Sixty Years of Solitude: Promising Early Pedagogical Initiatives in Social Forces that were Unsustainable." *Social Forces* 101(3):1060–68. DOI: 10.1093/sf/soac107.

**Touma, Fatima**, and Robert A. Hummer. 2022. "Race/Ethnicity, Immigrant Generation, and Physiological Dysregulation among U.S. Adults Entering Midlife." *Social Science & Medicine* 314:115423. DOI: 10.1016/j.socscimed.2022.115423. PMID: 36283331

## *Under Review*

**Fatima Touma**, Erin R. Hamilton, and Robert A. Hummer. *Under Review*. Immigrant Health Trajectories.

**Fatima Touma**. *Under Review*. Trends in Health among U.S. Adult Immigrants from 1998-2018: Does Propensity to Respond to a National Survey Matter?

Michelle S. Dromgold-Sermen and **Fatima Touma**. *Under Review*. A Case Study of Nationality Law Reform in the Middle East and North Africa, 2000-2020.

## DATA PRODUCTS

**Touma, Fatima**, Carmen Gutierrez, Brian Frizzelle, Alexis C. Dennis, and Robert A. Hummer. 2025. The National Longitudinal Study of Adolescent to Adult Health (Add Health), Structural Xenophobia Measures User Guide, Release 1, Wave VI Data Documentation. Chapel Hill, NC: Carolina Population Center, University of North Carolina at Chapel Hill. Available from: <https://doi.org/10.17615/cz2z-kd13>

## INVITED PRESENTATIONS

**Touma, Fatima** (November 2025). Examining Nativity and U.S. Adult Health: Do Immigrant Archetypes and State-Level Context Play Roles? Institute for Behavioral Sciences Speaker Series. Boulder, CO.

**Touma, Fatima** (June 2024). Analyzing Add Health Data Using Cross-Sectional Survey Weights. Add Health Users Conference. Chapel Hill, NC.

**Touma, Fatima** (May 2024). State-level Structural Xenophobia and Immigrant-Native Health Disparities. Conference on U.S. State Policies, Population Health, and Aging. Center for Aging and Policy Studies and the Center for Policy Research at Syracuse University.

## SELECT PRESENTATIONS (Last 5 Years)

**Touma, Fatima**, Erin R. Hamilton, and Robert A. Hummer (April 2025). Immigrant Generation and Racial/Ethnic Trajectories of Self-rated Health and Depressive Symptomology From Adolescence to Early Midlife in the United States. Paper presented at the Population Association of America. Washington, D.C.

Jiang, Hantao, Robert A. Hummer, and **Fatima Touma** (April 2025). Is Social Isolation During Adolescence Associated with Poor Health in Adulthood? Paper presented at the Population Association of America. Washington, D.C.

**Touma, Fatima** (September 2024). Contextualizing Immigrant Health Trajectories Across the Life Course. Paper presented at the Interdisciplinary Association for Population Health Science. St. Louis, MO.

**Touma, Fatima** (August 2024). State-level Context and Immigrant-Native Health Disparities in the United States. Paper presented at the American Sociological Association Meeting. Montréal, Québec, Canada.

**Touma, Fatima** (June 2024). Examining Health and Context Among Immigrants. Paper presented at the Add Health Users Conference. Chapel Hill, NC.

Dromgold-Sermen, Michelle, and **Fatima Touma** (June 2023). The Demographics of Nationality Laws: A Comparative Case Study of the Middle East and North Africa. Paper presented at the Law and Society Association Meeting. San Juan, PR.

Hernandez, Stephanie, **Fatima Touma**, Robert A. Hummer, and Carolyn T. Halpern (April 2023). Gender Expression Differences in Allostatic Load among Females in the United States. Paper presented at the Population Association of America. New Orleans, LA.

**Touma, Fatima** (April 2022). Immigrant Health in an Era of Migration Control: Time Variation in Immigrant and U.S.-Born Self-rated Health in the United States, 1998-2020. Poster Session at the Population Association of America. Atlanta, GA.

**Touma, Fatima** and Robert A. Hummer (May 2021). Immigrant Generation, Race/Ethnicity, and Health Entering Midlife. Poster Session at the Population Association of America. St. Louis, MO.

**Touma, Fatima** (April 2020). Latino Immigrant Self-reported Health before and during the Trump Presidency. Poster Session at the Population Association of America. Washington, D.C. (Meeting cancelled due to COVID-19 Pandemic).

## **GRANTS, FELLOWSHIPS, HONORS, AND AWARDS**

2024-2025 Linda Dykstra Dissertation Fellowship: Royster Society of Fellows, University of North Carolina at Chapel Hill ~\$28,000 (& Tuition)

2024 Travel Scholarship: Interdisciplinary Association for Population Health Science Travel \$650

2020-2025 Graduate Research Fellowship Program (GRFP) award recipient: National Science Foundation ~\$34,000 (& Tuition)

2019-2025 Traineeship in Population Studies: Carolina Population Center ~\$24,000 (& Tuition) for academic year 2019-2020; other sources for 2020-2025

2019	Summer Research Fellowship: University of North Carolina at Chapel Hill, Sociology Department \$4,000
2014-2018	Employee Recognition awards: National Science Foundation
2009	Undergraduate Honor's Thesis Research Grant: University of Maryland, Baltimore County, Sociology & Anthropology Department

## OTHER RESEARCH EXPERIENCE

### Research Assistant

- Data gathering and analysis for Add Health contextual data for Dr. Robert Hummer and Dr. Carmen Gutierrez (2023-2025)
- Data analysis for Dr. Robert Hummer's 2022 Population Association of America Presidential Address (2021-2022)
- Data analysis for Dr. Howard Aldrich (2021)

### Workshops

- Applied Multilevel Models for Longitudinal and Clustered Data. Inter-university Consortium for Political and Social Research (ICPSR). 2021.
- Agent-Based Computational Modeling in Population Studies. Max Planck Institute for Demographic Research. 2019.

## PROFESSIONAL EXPERIENCE

### National Science Foundation

Alexandria, VA

Social Economic Sciences Division

Social, Behavioral, and Economic Sciences Directorate

*Science Analyst*

2016 – 2018

*Social Scientist/Science Assistant*

2014 – 2016

### Context-based Research Group

Baltimore, MD

*Project Manager*

2011 – 2014

## TEACHING AND MENTORING

### *University of Colorado Boulder*

#### Undergraduate Courses

Introduction to Social Statistics (Fall 2025, Spring 2026)

Medical Sociology (Spring 2026)

Masters Theses

Don Grant (Sociology, 2025)

Comprehensive Exams

Valentina Serrano Salomon (Sociology, 2025)

***The University of North Carolina at Chapel Hill (UNC)***

Teaching Assistant

Structural Equations Modeling – Graduate (Fall 2023)

Introduction to Population Health in the United States (Spring 2021)

Immigration in Contemporary America (Fall 2020)

Race and Ethnic Relations (Spring 2019)

Data Analysis (Fall 2018)

Undergraduate Honors Student Mentor 2020 – 2022

**PROFESSIONAL SERVICE**

Session Organizer, Population Association of America (2025)

Session Presider, American Sociological Association (2023)

Migration Working Group Graduate Student Liaison and Co-Organizer (2020-2021)

Graduate Studies Committee Student Representative (2020-2021)

Reviewer, *Demographic Research*, *Journal of Immigrant and Minority Health*, and *Demography*

**PROFESSIONAL MEMBERSHIPS**

American Sociological Association (*International Migration and Medical Sociology sections*)

Population Association of America

Network on Life Course Health Dynamics and Disparities in 21st Century America

Interdisciplinary Association for Population Health Science