






MIREIA TRIGUERO ROURA

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ACADEMIC APPOINTMENTS

Columbia University Mailman School of Public Health, New York <i>Postdoctoral Research Scientist in the department of Epidemiology</i>	<i>Aug 2024 - present</i>
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EDUCATION

Columbia University, New York <i>Ph.D. in Sociology</i>	<i>Sept 2017 - July 2024</i>
Columbia University, New York <i>M.A. in Sociology</i>	<i>Sept 2017 - Dec 2019</i>
New York University, New York <i>M.A. in Journalism and International Relations</i> Thesis: The Forgotten Plight of the Rohingya in Malaysia	<i>Sept 2014 - May 2016</i>
Universitat Pompeu Fabra, Barcelona <i>B.A. in Humanities</i>	<i>Sept 2009 - July 2013</i>

TECHNICAL SKILLS

Programming Languages:	R, Python, Stan, SQL, JavaScript, HTML, CSS
Natural Languages:	Catalan, Spanish, English, French
Other skills:	survey design, data science, GCP, Git, causal inference, statistics, experiments, geospatial modeling, NLP

PUBLICATIONS

Peer-reviewed:	
2025	Triguero Roura, Mireia. “Threatening for whom? National boundary-making, immigration, and support for the welfare state,” <i>European Sociological Review</i> (Forthcoming)
2023	Triguero Roura, Mireia. “Visualizing Beliefs in Biological Racial Difference and Ordering across Europe,” <i>Socius</i> [link]
2022	Triguero Roura, Mireia. “Racism without race: Reconstructing race through culture in Spanish social-science textbooks,” <i>Ethnic and Racial Studies</i> [link]
2022	Jiang, Julie, Ron Dostch, Mireia Triguero Roura , Yozen Liu, Vitor Silva Souza, Maarten Bos and Francesco Barbieri. “Reciprocity, Homophily, and Social Network Effects in Pictorial Communication: A Case Study of Bitmoji Stickers.” <i>The ACM CHI Conference on Human Factors in Computing Systems</i> (CHI '23). [link]
Review and Resubmit:	
2025	Triguero Roura, Mireia. “Colorblind ethnocentrism: How ancestry and race continue to define Western national identities” (R & R at the <i>American Journal of Sociology</i> [preprint])

- 2025 Jones, James J. and **Mireia Triguero Roura**. “Inequality under the Dome: Racial disparities in Congress.” (R & R at *Socius*)
- 2024 Peters, Heinrich, Ron Dotsch, **Mireia Triguero Roura**, Yozen Liu, Sandra Matz, and Maarten Bos. “Understanding the Determinants of Message Response Behaviors.” (*The ACM CHI Conference on Human Factors in Computing Systems*)
- Under Review:
- 2023 **Triguero Roura, Mireia**, Maarten Bos, Francesco Barbieri, Julie Jiang, Yozen Liu and Ron Dotsch. “The Ties that Bind: Online Pictorial Communication Reveals Cultural Boundaries In the World”
- 2022 Reich, Adam and **Mireia Triguero Roura**. “The Market for a Criminal Record.”
- Working papers:
- Triguero Roura, Mireia**. “Unbiased Causal Estimates in Panel Data with Bayesian Additive Trees.”
- Triguero Roura, Mireia**. “Social media, language, and politics: What language do people use to make arguments about undocumented immigrants?”
- Triguero Roura, Mireia** and Joanna Chae. “Causal Effect of Police Violence on 911 calls.”

OTHER RELEVANT WORK EXPERIENCE

Columbia University

Lead Instructor

Sept 2022 - May 2024

- Created all new lab materials for first year Ph.D. Social Data Analysis lab sequence (companion class to Social Data Analysis lecture).
- Taught a weekly 2-hour grad-level lab on using R, statistics, data wrangling and data visualization, and causal inference.

Snap

Research Intern

May 2022 - Dec 2022; May 2023 - Aug 2023

- Conducted and led a research project as part of the Computational Social Science team, as well as collaborated with other team research efforts.
- Co-authored three different academic papers (one as lead author).
- Developed an R package to properly estimate multilevel, dyad data with large datasets in a regression framework.
- Trained embedding models to extract latent cultural preferences across users and used machine learning classification techniques to understand how different users relate to each other in their communication styles.
- Worked using R, Python and SQL

James R. Jones, Princeton/Rutgers

Research Assistant

February 2020 - May 2022

- Cleaned and restructured pay-roll data for statistical analysis
- Statistical analysis of data and creation of weekly data visualization and memos for non-technical audiences.

Columbia University

Teaching Assistant

Sept 2018 - May 2021

- Taught undergrad-level sections and graded for Methods for Social Science (taught interviews, ethnography, experiments, and survey design), Global Urbanism, and Work and Gender.

GRANTS AND FELLOWSHIPS

National Science Foundation: Doctoral Dissertation Research Improvement Grant (\$16,000)	2022
Columbia Experimental Laboratory for Social Science, Dissertation Research Grant (\$4,000)	2022
Paul F. Lazarsfeld Fellowship	Sept 2017 - May 2023
Gender, Society and Culture workshop at Columbia, Small Research Grants (\$2,000)	2021 - 2022
Columbia Sociology Small Research Grants (\$2,500)	2018 - 2021
Race, Ethnicity and Migration workshop at Columbia, Small Research Grants (\$1,150)	2021
Columbia Experimental Laboratory for Social Science, Experiment Pilot Grant (\$540)	2020
Fulbright Fellowship	Sept 2014 - May 2016
Global Cities UPF-UCLA Fellowship	June 2012 - Sept 2012
Aurora Bertrana Fellowship	Jan 2012 - May 2012

CONFERENCE TALKS

“What Makes a Racial Group? Perceptions of Race, Origin and Skin tone in Western Europe” <i>22nd IMISCOE Annual Conference “Decentering migration studies”</i>	July 2025
“Impacts of Prescription drug monitoring programs must-query laws on medication for opioid use disorder availability in treatment facilities.” Triguero Roura Mireia , Aabha Vora, Pia M Mauro <i>The College on Problems of Drug Dependence annual meeting</i>	June 2025
“Racialized Uptake of Medication for Opioid Use Disorder in the US: Differences by Criminal Legal System Exposure in 2022-2023.” Mauro Pia M, Mireia Triguero Roura , Aabha Vora, Morgan M Philbin <i>The College on Problems of Drug Dependence annual meeting</i>	June 2025
“Assessing the relationship between state cannabis policies and substance use treatment availability, 2000-2020.” Vora, Aabha, Mireia Triguero Roura , Pia M Mauro <i>The College on Problems of Drug Dependence annual meeting</i>	June 2025
“What Makes a Racial Group? Perceptions of Race, Origin and Skin tone in Western Europe” <i>30th Annual Conference of the Council of European Studies</i>	July 2024
“Race and Nation: Examining the Consequences of a Racialized Imagined Community” <i>Annual Conference of the American Sociological Association</i>	August 2023
“Race and Nation: Examining the Consequences of a Racialized Imagined Community” <i>29th Annual Conference of the Council of European Studies</i>	June 2023
“Race, National Identity, and Support for the Welfare State.” <i>27th Annual Conference of the Council of European Studies</i>	June 2021

“Incarceration, Employment, and Earnings: A Re-examination Across Two Cohorts.” (cancelled) <i>Annual Conference of the American Sociological Association</i>	<i>August 2020</i>
“The Ghost of Race: Reconstructing Race Through Culture in Spanish Textbooks” <i>Race, Ethnicity and Migration Workshop, Columbia University</i>	<i>Dec 2019</i>
“The Ghost of Race: Reconstructing Race Through Culture in Spanish Textbooks” <i>25th Annual Conference of the Council for European Studies</i>	<i>June 2019</i>

SERVICE

Reviwer for *Socius*; Reviewer for *Journal of Substance Use & Addiction Treatment*; Reviewer for the ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW); Reviewer and workshop coordinator for the ISERP Interdisciplinary Graduate Student Seminar; Co-creator and organizer of the Columbia Sociology Stats Lab.

RELEVANT COURSEWORK

Advanced Regression and Multilevel modeling, Causal Inference for Social Science, Modern Statistics for Data Science, NLP and Sentiment Analysis