

Arun Frey

Department of Sociology, University of Oxford
42-43 Park End St, Oxford, OX1 1JD

arun.frey@sociology.ox.ac.uk
arunfrey.github.io
 

PROFILE	As a Computational Sociologist, I am passionate about using data to bring new evidence to bear on urgent social problems. My work centres around improving immigrant integration, combating educational inequality, and reducing xenophobic violence.		
RESEARCH INTERESTS	Causal Inference ◊ Computational Social Science ◊ Violence ◊ Migration ◊ Inequality		
ACADEMIC POSITIONS	Leverhulme Centre for Demographic Science, University of Oxford	2021–Present	
	Postdoctoral Researcher		
	Nuffield College, University of Oxford	2021–Present	
	Nonstipendiary Research Fellow		
EDUCATION	University of Oxford	2017–2022	
	DPhil Sociology		
	University of Oxford	2014–2015	
	MSc Sociology		
	City, University of London	2011–2014	
	BSc Media Studies & Sociology		
VISITING POSITIONS	Data Science for Social Good Fellowship, Carnegie Mellon University	2022–Present	
	Data Science Fellow		
	Harvard University	2020–2021	
	Visiting Fellow, Department of Sociology		
LANGUAGES	Computer	R, Python, Git, SQL, Shiny, Stata, L ^A T _E X.	
	Human	German (native), English (fluent), French (conversational).	
PUBLICATIONS	“Faces in the Crowd: Estimating Protest Ideology with Twitter Data,” <i>PLOS ONE</i> , 2021 (with Christopher Barrie). 		
	“Getting Under the Skin: The Impact of Terrorist Attacks on Native and Immigrant Sentiment,” <i>Social Forces</i> , 2021. 		
	“The impact of mass shootings on attitudes towards gun restrictions in the United States,” <i>Socius</i> , 2021 (with David S. Kirk). 		
	“Learning loss due to school closures during the COVID-19 pandemic,” <i>Proceedings of the National Academy of Sciences</i> , 2021 (with Per Engzell and Mark Verhagen).  		
	“Cologne Changed Everything—The Effect of Threatening Events on the Frequency and Distribution of Intergroup Conflict in Germany”, <i>European Sociological Review</i> , 2020.		
MEDIA COVERAGE	Research covered by <i>The Economist</i> , <i>Financial Times</i> , <i>The New York Times</i> , <i>New York Magazine</i> , <i>Washington Post</i> , <i>Newsweek</i> , <i>Politico</i> , <i>Salon</i> , <i>Bloomberg</i> , <i>New Statesman</i> , <i>The Telegraph</i> , <i>The Spectator</i> , <i>The Hill</i> , <i>The Daily Mail</i> , <i>Times Higher Education</i> , <i>Aljazeera</i> , <i>Der Spiegel</i> , <i>El País</i> , <i>Le Soir</i> , <i>de Volkskrant</i> , <i>Sydney Morning Herald</i> , <i>Irish Examiner</i> , <i>Haaretz</i> , <i>The Hindu</i> , and covered by <i>The Weeds</i> and <i>PNAS Science Sessions</i> podcasts.		

AWARDS & GRANTS	<i>Cozzarelli Prize in recognition of outstanding scientific quality & originality,</i>	
	National Academy of Sciences of the United States of America	2021
	<i>2021 Best Article Award,</i> European Consortium for Sociological Research	2021
	<i>Excellence in Impact Award for data-driven policy interventions,</i> O2RB	2021
	<i>Graduate Scholarship,</i> Department of Sociology, University of Oxford	2019
	<i>Graduate Scholarship,</i> St Catherine's College, University of Oxford	2018
	<i>Quantitative Methods Scholarship,</i> Oxford Q-Step Centre	2018
	<i>Doctoral Scholarship,</i> German Academic Scholarship Foundation	2018–2021
	<i>Advanced Quantitative Methods DTP Award,</i> UK ESRC	2017–2021
	<i>Doctoral Scholarship,</i> Foundation of German Business	2017–2018
	<i>Travel Grant,</i> German Academic Exchange Service	2016
TEACHING	Instructor of “Introduction to coding in R”	2021
	Department of Sociology, University of Oxford	
	Instructor of “Applied Statistics—Political Analysis II”	2017–2020
	Department of Politics and International Relations, University of Oxford	
	Teaching Assistant of “Applied Statistics for Social Scientists”	2017–2019
	Department of Sociology, University of Oxford	
	College Tutor of “Political Sociology and Social Movement Studies”	2018–2019
	St Catherine's College, University of Oxford	
ADVISORY WORK	Data Scientist & Research Consultant	2021
	Ministry of Finance, Government of the Netherlands	
	Expert Advisor	2021
	Ministry of Education, Culture, and Science, Government of the Netherlands	
	Expert Advisor	2021
	Department for Education, Open Innovation Team, UK Government	
	Freelance Consultant	2021
	Max Planck Institute for Demographic Research	
	Social Affairs Consultant	2016–2017
	United Nations ESCAP, Bangkok, Thailand	
METHODS TRAINING	Applied Machine Learning, Oxford Internet Institute, 2022.	
	Machine Learning for Economists, University of Oxford, 2018, 2022.	
	Summer Institute in Computational Social Science (SICSS), 2020.	
	Advanced Methods for Social Media & Textual Data, Essex Summer School, 2020.	
	Applied Statistics Workshop, IQSS, Harvard University, 2019, 2020.	
	Advanced Quantitative Research, Harvard University, 2019.	
POPULAR WRITING	“Die Bildungskonsequenzen der COVID-19-Pandemie: Erhebliche Lernverluste und wachsende Ungleichheiten,” <i>Population Europe Discussion Paper</i> .	
	“The collateral damage to children's education during lockdown,” <i>VoxEU</i> .	
	“How Do School Closures Affect Student Learning? It's Worse Than You Think,” <i>Population Europe</i> .	
	“Inequality of Opportunity in Asia and the Pacific: Clean Energy,” <i>United Nations Policy Report</i> .	

INVITED TALKS (recent)	“Controlling COVID-19 in Schools: Lessons Learned and Open Questions” Isaac Newton Institute for Mathematical Sciences, Cambridge	Apr 27, 2022
	“The Impact of Refugee Shelters on Neighbourhood Appeal” Institute for Employment Research	Feb 24, 2022
	“Migration and Diversity Speaker Series” WZB Berlin Social Science Center	Nov 10, 2021
	“Mapping Educational Inequalities During the Pandemic” European Commission Joint Research Centre (ECJR)	Apr 27, 2021
	“Learning Inequality during the COVID-19 Pandemic” University of Zurich Research Colloquium	Apr 27, 2021
	“Post-Pandemic Populations” Max Planck Institute, Population Europe Expert Meeting	Jan 26, 2020
	“Learning Inequality during the COVID-19 pandemic” World Bank Education Seminar Series	Jan 14, 2021
	“Demography and the Coronavirus Pandemic: What have we learned?” Max Planck Institute, Population Europe Expert Meeting	Nov 9, 2020
	“Learning Inequality during the COVID-19 Pandemic” Organisation for Economic Cooperation and Development (OECD)	Oct 27, 2020
CONFERENCES	American Sociological Association Annual Meeting (2020), American Political Science Association Annual Meeting (2019, 2020), Population Association of America (2021), IZA & Jacobs Center Conference (2021), European Consortium for Sociological Research (2020, 2021), Social Science History Association (2020, postponed), European Sociological Association (2019), European Conference on Educational Research (2021), Alternative Futures & Popular Protest (2019).	
SERVICE	Reviewer for <i>American Political Science Review</i> , <i>Journal of Ethnic and Migration Studies</i> , <i>Economics & Politics</i> , <i>European Sociological Review</i> , and <i>PLOS ONE</i> .	

References

Professor Michael Biggs
Department of Sociology
University of Oxford

michael.biggs@sociology.ox.ac.uk

Professor David Kirk
Department of Sociology
University of Oxford

david.kirk@sociology.ox.ac.uk

Professor Ridhi Kashyap
Department of Sociology
University of Oxford

ridhi.kashyap@nuffield.ox.ac.uk