Arun Frey

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RESEARCH INTERESTS	Causal Inference ◇ Computational Social Science ◇ Violence ◇ Migration ◇ Inequality

ACADEMIC POSITIONS	**Leverhulme Centre for Demographic Science**, University of Oxford *Postdoctoral Researcher*	2021–Present
	Nuffield College, University of Oxford *Nonstipendiary Research Fellow*	2021–Present

EDUCATION	**University of Oxford** *DPhil Sociology*	2017–Present
	University of Oxford *MSc Sociology*	2014–2015
	City, University of London *BSc Media Studies & Sociology*	2011–2014

VISITING POSITIONS	**Harvard University** *Visiting Fellow, Department of Sociology*	2020–2021

LANGUAGES	**Computer**	R, Python, SQL, RShiny, Stata, LaTeX.
	Human	German (native), English (fluent), French (conversational).

PUBLICATIONS

"Faces in the Crowd: Estimating Protest Ideology with Twitter Data," *PLOS ONE*, 2021 (with Christopher Barrie).

"Getting Under the Skin: The Impact of Terrorist Attacks on Native and Immigrant Sentiment," *Social Forces*, 2021.

"The impact of mass shootings on attitudes towards gun restrictions in the United States," *Socius*, 2021 (with David S. Kirk).

"Learning loss due to school closures during the COVID-19 pandemic," *Proceedings of the National Academy of Sciences*, 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", *European Sociological Review*, 2020.

AWARDS & GRANTS	*2021 Best Article Award*, European Consortium for Sociological Research	2021
	Excellence in Impact Award for data-driven policy interventions, O2RB	2021
	Graduate Scholarship, Department of Sociology, University of Oxford	2019
	Graduate Scholarship, St Catherine's College, University of Oxford	2018
	Quantitative Methods Scholarship, Oxford Q-Step Centre	2018
	Doctoral Scholarship, German Academic Scholarship Foundation	2018–2021
	Advanced Quantitative Methods DTP Award, UK ESRC	2017–2021
	Doctoral Scholarship, Foundation of German Business	2017–2018
	Travel Grant, German Academic Exchange Service	2016

| Media Coverage | Research covered by *The Economist, Financial Times, The New York Times, New York Magazine, Washington Post, Newsweek, Politico, Salon, Bloomberg, New Statesman, The Telegraph, The Spectator, The Hill, The Daily Mail, Times Higher Education, Aljazeera, Der Spiegel, El País, Le Soir, de Volkskrant, Sydney Morning Herald, Irish Examiner, Haaretz, The Hindu*, and covered by *The Weeds* and *PNAS Science Sessions* podcasts. |

| 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

| Consulting 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 | **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," *Population Europe Discussion Paper*. |

"The collateral damage to children's education during lockdown," *VoxEU*.

"How Do School Closures Affect Student Learning? It's Worse Than You Think," *Population Europe*.

"Inequality of Opportunity in Asia and the Pacific: Clean Energy," *United Nations Policy Report*.

"Sustainable Social Development in Asia-Pacific: Towards a People-Centred Transformation," *United Nations Policy Report*.

INVITED TALKS (recent)	"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 *American Political Science Review*, *Journal of Ethnic and Migration Studies*, *Economics & Politics*, and *European Sociological Review*.

References

Professor Michael Biggs	Professor David Kirk	Professor Ridhi Kashyap
Department of Sociology	Department of Sociology	Department of Sociology
University of Oxford	University of Oxford	University of Oxford
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