

# SZYMON K. SACHER

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## EMPLOYMENT

October 2023 – Present **Meta, Inc** Research Scientist in Economics and Policy Research Team

July 2023 – September 2024 **Stanford University, GSB** Postdoctoral Scholar

## EDUCATION

**Columbia University**, Ph.D. Economics, Sep 2017 – May 2023

Fields: industrial organization, public finance, econometrics, machine learning

Dissertation Title: *Estimating Structural Models with Bayesian Econometrics*

Degrees Received: MA 2018, MPhil 2019, PhD 2023

**The University of Edinburgh**, MA (Hons) Economics, Sep 2013 – June 2017, *Graduated overall 1st in the class.*

## WORKING PAPERS

1. Battaglia L., Christensen T., Hansen S. and **Sacher S.**, “Inference for Regression with Variables Generated from Unstructured Data” 2024
2. **Sacher S.** Two Way Fixed Effects Estimation with Selection: A Bayesian Approach, 2023 (working paper available upon request)

## WORK IN PROGRESS

1. Appel R., Athey S., Karlan D., Koutout K., Luca M., Manjeer U., **Sacher S.**, Wernerfelt Nils, “Combating Misinformation on Social Media”

## PEER-REVIEWED PUBLICATIONS

1. Olenski A, **Sacher S.** “Estimating Nursing Home Quality with Selection,” 2024, *Review of Economics and Statistics*, Forthcoming.
2. Simonov, A., **Sacher, S.**, Dubé, J.P. and Biswas, S. “Frontiers: The persuasive effect of Fox News: Noncompliance with social distancing during the COVID-19 pandemic,” *Marketing Science*, 41(2), pp.230-242, 2022.

## FELLOWSHIPS, HONORS, AND AWARDS

**Columbia University** Vickrey Prize for Best Third Year Paper, Runner-up, 2020; Department of Economics Fellowship, 2017; Dean’s Fellowship, 2017

**The University of Edinburgh** School of Economics Class Prize, 2017; Balmoral Asset Management First Prize, 2016; Lanfine Bursary, 2015

## PROFESSIONAL SERVICE

Referee for *Journal of Econometrics*, *Economic Letters*, *International Review of Economics*, *Political Research Exchange*

**TEACHING ASSISTANT EXPERIENCE**

Intermediate Microeconomics, Introduction to Econometrics

**INVITED PRESENTATIONS**

2025: ASSA (scheduled) 2024: Bates College, International Industrial Organization Conference, ESEM, ESIF-AIML 2023: RES Annual Conference, 2022: 3rd Text-As-Data Workshop; Asia-Pacific Industrial Organization Conference; European Winter Meeting of Econometric Society 2020: DSCC-19

**RELEVANT POSITIONS**

Visiting Researcher, Imperial College Business School, 2021 Research Fellow, Andrea Prat, Ph.D. Department of Economics, Columbia University, 2019-2022

**NON-REFEREED PUBLICATIONS**

1. Simonov, A., **Sacher, S.**, Dubé, J.P. and Biswas, S. “News media and distrust in scientific experts,” *VoxEU*, 2020.

**ADDITIONAL INFORMATION**

**Skills:** Structural models, Bayesian inference, Natural Language Processing, Probabilistic programming, Causal inference

**Programming:** Python (Pandas, Pytorch, Jax, [Numpyro](#)), R (Stan, authored [SPSI](#)), SQL, Stata, Matlab

**Misc:** Climbing, sailing