

# Francis J. DiTraglia

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## CONTACT INFORMATION

Department of Economics  
University of Oxford  
Manor Road, Oxford OX1 3UQ  
United Kingdom

Webpage: <http://www.ditraglia.com>  
Email: [francis.ditraglia@lmh.ox.ac.uk](mailto:francis.ditraglia@lmh.ox.ac.uk)

## ACADEMIC POSITIONS

Associate Professor of Economics, University of Oxford, Oxford UK, 2019 – Present  
Assistant Professor of Economics, University of Pennsylvania, Philadelphia PA, 2013 – 2019  
Lecturer in Economics, University of Pennsylvania, Philadelphia PA, 2012 – 2013

## OTHER AFFILIATIONS

Tutor and Fellow in Economics, Lady Margaret Hall Oxford, 2019 – Present  
Visiting Researcher, Chicago Federal Reserve Bank, 2019 – 2020, 2022 – Present  
Associate Member, Nuffield College Oxford, 2023 – Present  
Visiting Researcher, Philadelphia Federal Reserve Bank, 2016 – 2019  
Warren Center for Network and Data Science, 2013 – 2019

## EDUCATION

Ph.D., Economics, University of Cambridge, Cambridge, U.K., 2013  
M.A., Economics, University of California San Diego, La Jolla, CA, 2009  
M.Sc., Statistics with Distinction, University of St Andrews, St Andrews, U.K., 2007  
B.A., Economics and Mathematics, Phi Beta Kappa, *summa cum laude*,  
College of William & Mary, Williamsburg, VA, 2006

## PUBLICATIONS

Selection of Invalid Instruments can Improve Estimation in Mendelian Randomization (with Ashish Patel, Verena Zuber, and Stephen Burgess), Forthcoming *Annals of Applied Statistics*.

Hidden Hazards and Screening Policy: Predicting Undetected Lead Exposure in Illinois (with Ali Abbasi, Ludovica Gazze, and Bridge Pals), *Journal of Health Economics*, July 2023, 90, 102783.

Identifying Causal Effects in Experiments with Spillovers and Non-compliance (with Camilo Garcia-Jimeno, Rossa O’Keefe-O’Donovan, and Alejandro Sanchez), *Journal of Econometrics*, 2023, 235 (2), pp. 1589-1624.

A Framework for Eliciting, Incorporating, and Disciplining Identification Beliefs in Linear Models (with C. Garcia-Jimeno), *Journal of Business and Economic Statistics*, 2021, 39 (4), pp. 1038-1053.

Identifying the Effect of a Mis-classified, Binary, Endogenous Regressor (with Camilo Garcia-Jimeno), *Journal of Econometrics*, 2019, 209 (2), pp. 376-390.

A Generalized Focused Information Criterion for GMM (with Minsu Chang), *Journal of Applied Econometrics*, 2018, 33 (3), pp. 378-397.

Using Invalid Instruments on Purpose: Focused Moment Selection and Averaging for GMM  
*Journal of Econometrics*, 2016, 195 (2), pp. 187–208.

Portfolio Selection: An Extreme Value Approach (with Jeffrey Gerlach), *Journal of Banking and Finance*, 2013, 37 (2), pp. 305–323.

Measuring Altruism in a Public Goods Experiment: A Comparison of U.S. and Czech Subjects, (with Lisa Anderson and Jeffrey Gerlach), *Experimental Economics*, 2011, 14 (3), pp. 426–437.

Yes, Wall Street, There is a January Effect: Evidence from Laboratory Auctions, (with Lisa Anderson and Jeffrey Gerlach), *Journal of Behavioral Finance*, 2007, 8 (1), pp. 1–8.

#### WORKING PAPERS

The Controlled Choice Design and Private Paternalism in Pawnshop Borrowing (with Issac Meza, Joyce Sadka, Enrique Seira, & Craig McIntosh)

#### WORKS IN PROGRESS

Estimation and Inference for Marginal Treatment Effects: a Bayesian Semi-parametric Approach (with Laura Liu)

A History of Violence: Forced Displacement and *de facto* Land Reform in Rural Colombia (with Camilo Garcia-Jimeno)

Mapping Disparities in Childhood Lead Exposure in England (with Ludovica Gazzè)

Estimating the Returns to Lying (with Arthur Lewbel)

#### GRANTS

Oxford Social Science Division Integrated Impact Grant – “Mapping Disparities in Childhood Lead Exposure,” Summer 2023

John Fell OUP Research Fund Pump-priming Grant – “Identifying Causal Effects in Experiments with Social Interactions and Non-compliance,” January 2020 – December 2023

Oxford Public Policy Challenge Fund Award – “Mapping Disparities in Childhood Lead Exposure in England,” December 2021 – May 2022

Oxford Social Sciences Division Teaching Development and Enhancement Project Award – “Core Empirical Research Methods,” June 2021 – June 2022

Center for Teaching and Learning Course Development Grant (UPenn) – “Statistical Learning and Causal Inference for Economics,” Spring 2018

University Research Foundation Award (UPenn) – “A Framework for Eliciting, Incorporating and Disciplining Identification Beliefs in Linear Models,” Spring 2016 – Spring 2017

School of Arts and Sciences Research Opportunity Grant (UPenn) – “A Framework for Eliciting, Incorporating and Disciplining Identification Beliefs in Linear Models,” Spring 2016 – Spring 2017

PURM Program Grant (UPenn), Summer 2015

#### AWARDS

Kravis Award for Outstanding Undergraduate Teaching in Economics, 2014 and 2017

Cambridge International Scholarship, 2009–2012

Rotary Ambassadorial Scholarship, St Andrews, 2006–2007

Lord Botetourt Medal (equivalent of valedictorian), William & Mary, 2006

#### TEACHING

Oxford: Treatment Effects (Grad), Limited Dependent Variables (Grad), Empirical Research Methods (Grad), Econometrics (Undergrad), Quantitative Economics (Undergrad), Behavioral & Experimental Economics (Undergrad), Introductory Probability & Statistics (Undergrad)

UPenn: Model Selection and Statistical Learning (Grad), Statistics for Economists (Undergrad), Statistical Learning and Causal Inference (Undergrad)

## GRADUATE ADVISING

Main Supervisor: Irina Pimenova (Citadel Securities, 2018), Tim Hursey (Afiniti, 2019)  
Committee Member: Lorenzo Braccini (Bank of Italy, 2015); Minchul Shin (UIUC, 2015); Laura Liu (Fed Board of Governors, 2017), Ross Ashkenazi (Cornerstone Research, 2017); Minsu Chang (Georgetown University, 2019); Alejandro Sánchez-Becerra (Emory, 2021)

## PROFESSIONAL ACTIVITIES

Refereeing: American Economic Review, Annals of Statistics, Biometrika, Econometrica, Econometric Reviews, Econometric Theory, Econometrics Journal, International Economic Review, International Journal of Forecasting, International Review of Economics and Finance, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of Financial and Quantitative Analysis, Journal of Multivariate Analysis, Oxford Economics Papers, Journal of Statistical Planning and Inference, Journal of Political Economy Microeconomics, Labour Economics, Quantitative Economics, Review of Economic Studies  
Workshops Organized: *High-Dimensional Econometrics and Statistics* (Warren Center, Oct. 2015), *Big Data and Open Science with R* (Warren Center, Nov. 2014)

## SEMINARS AND CONFERENCE PRESENTATIONS

2022-2023 Federal Reserve Bank of Chicago  
2021-2022 Bristol Econometrics Study Group, UC Irvine, Lancaster, Econometric Society European Summer Meeting  
2020-2021: Econometric Society World Congress, Fed/NCSU Econometrics Workshop, RES Annual Meeting, University of Zurich  
2019-2020: *Postponed due to Coronavirus: University of Bristol, University of Groningen, Singapore Management University, National University of Singapore, RES Annual Conference, University of Zurich*  
2018-2019: IAEE Annual Conference (Montreal), Philadelphia FRB, Oxford, SEA Annual Meetings, Aarhus  
2017-2018: Rice, Syracuse, Cornell, SUNY Binghamton, Boston College, Georgetown, Tilburg, Econometric Society North American Winter Meeting, Rochester  
2016-2017: Philadelphia FRB, CEMFI, Manchester, UCL, Cambridge, Oxford, Econometric Society Latin American Meeting (invited), Northwestern, Camp Econometrics XII, Econometric Society North American Summer Meeting  
2015-2016: Midwest Econometrics Group Meetings, Chicago Booth, Princeton, Penn State, Greater New York Area Econometrics Colloquium, ISBA World Meeting  
2014-2015: Warren Center Symposium, Brown, Rutgers, NSF-NBER Seminar on Bayesian Inference in Econometrics and Statistics  
2013-2014: Tilburg University, Tinbergen Institute, Midwest Econometrics Group Meetings, Econometric Society Latin American Econometrics Workshop  
2012-2013: Columbia University, University of Wisconsin Madison, Econometric Society North American Summer Meetings (USC)  
2011-2012: George Washington, Penn, CREATES (Aarhus), St Andrews, Oxford, Oxford-Man Institute, Queen Mary, University of Vienna, Econometric Society European Summer Meeting (Oslo)