

Michael Gilraine

Business Address

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Employment

Assistant Professor, Department of Economics, Simon Fraser University	2023-present
Assistant Professor, Department of Economics, New York University	2017-2023

Affiliations

National Bureau of Economic Research, Faculty Research Fellow	2021-present
EdWorkingPapers at Annenberg Institute, Contributor	2020-present

Education

Ph.D., Economics, University of Toronto	Sep 2011- Nov 2017
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Thesis: *Three Essays in the Economics of Education*

Advisors: Robert McMillan, Philip Oreopoulos, Natalie Bau

Co-Winner: 2017 National Tax Association Outstanding Doctoral Dissertation in Government

Finance and Taxation

M.A., Economics, University of British Columbia	2010-2011
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B.Comm., Finance, University of British Columbia	2005-2009
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Fields

Economics of Education, Labour Economics, Public Economics, Environmental Economics, Applied Econometrics, Industrial Organization.

Publications (and Accepted)

"The Effect of the Prior Teacher on Value-Added," with Odhrain McCarthy. Accepted at Review of Economics and Statistics. (Working Paper: Ed Working Paper No. 21-354.)

"Air Filters, Pollution, and Student Achievement." Accepted at Journal of Human Resources. (Working Paper: Ed Working Paper No. 20-188.)

"Focused Interventions and Test Score Fade-Out," with Jeffrey Penney. Accepted at Review of Economics and Statistics. (Working Paper: Ed Working Paper No. 21-444.)

"Coal Use, Air Pollution, and Student Performance," with Valentina Duque. *Journal of Public Economics* 213 (2022): 104712.

"Horizontal Differentiation and the Policy Effect of Charter Schools," with Uros Petronijevic and John Singleton. *American Economic Journal: Economic Policy* 13, no. 3 (2021): 239-276.

"A Method for Disentangling Multiple Treatments from a Regression Discontinuity Design," *Journal of Labor Economics* 38, no. 4 (2020): 1267-1311.

Working Papers

"A Nonparametric Approach for Studying Teacher Impacts" (with Jiaying Gu and Robert McMillan), 2022. (Formerly NBER Working Paper No. 27094 "A New Method for Estimating Teacher Value-Added.") Revise and Resubmit at Review of Economic Studies.

"School Choice, Competition, and Aggregate School Quality" (with Uros Petronijevic and John Singleton), NBER Working Paper No. 31328, 2023. Revise and Resubmit at Economic Journal.

"Air Pollution and Student Performance in the U.S." (with Angela Zheng), NBER Working Paper No. 30061, 2022. Revise and Resubmit at Journal of Urban Economics.

"Public Education and Intergenerational Housing Wealth Effects" (with James Graham and Angela Zheng), NBER Working Paper No. 31345, 2023.

"It Takes Time: The Asymmetric Impacts of Imposing and Removing a Teacher Incentive Scheme" (with Uros Petronijevic and Nolan Pope), 2022.

"The Effects of Public Housing on Children: Evidence from Colombia" (with Adriana Camacho, Valentina Duque, and Fabio Sanchez), NBER Working Paper No. 30090, 2022.

"Education Reform in General Equilibrium: Evidence from California's Class Size Reduction" (with Hugh Macartney and Robert McMillan), NBER Working Paper No. 24191, 2018.

"Making Teacher Last: Long- and Short-Run Value-Added" (with Nolan Pope), NBER Working Paper No. 29555, 2021.

"School Accountability and the Dynamics of Human Capital Formation," 2018.

Works in Progress

"Using Item Response Data to Better Represent and Understand Student Learning." (with Jesse Bruhn, Jens Ludwig and Sendhil Mullainathan).

"Neighbors" (with Valentina Duque, and Fabio Sanchez).

"Enrollment Manipulation, Class Size Caps and Educational Segregation." (with Robert McMillan)

Teaching

Course Instructor, New York University	2018-present
• PhD Labor Economics II (graduate)	2018-present
• Labor Economics (undergraduate)	2019-present
• Introduction to Econometrics (undergraduate)	Spring 2018
Course Instructor, University of Toronto	Spring 2016
• Refresher for Quantitative Methods for Policy Analysis (graduate)	

Selected Awards

Spencer Foundation Research Grants on Education: Small	2021-2024
Social Sciences and Humanities Research Council Insight Grant	2020-2022
Social Sciences and Humanities Research Council Insight Development Grant	2019-2020
Faculty Research Support Scheme at University of Sydney	2019-2020
Social Sciences and Humanities Research Council Insight Grant	2018-2020
Co-winner, National Tax Association's Outstanding Doctoral Dissertation Award	2017
Hartle Award for Outstanding Graduate Scholarship	2017
Ontario Graduate Scholarship	2013-2017
Doctoral Completion Award	2016-2017
Samuel Hollander Graduate Award	2016
Social Sciences and Humanities Research Council of Canada Doctoral Fellowship	2014-2016
University of Toronto Graduate Fellowship	2011-2015

Conference Presentations and Seminars

2023: Simon Fraser University, University of Wisconsin-Madison, Workshop on Education Economics and Policy.

2022: 2023 Econometric Society North American Winter Meeting, NBER Economics of Education Fall Meeting, Purdue University, NBER Summer Institute (Education), University of Alberta, University of Chicago, United States Military Academy at West Point, University of Pennsylvania, Wilfred Laurier University, Northeast Economics of Education Workshop, Canadian Economics Association Conference.

2021: NBER Summer Institute (Children's), Princeton University, Pennsylvania State University, McMaster University, Simon Fraser University, University of Sydney, Northeast Economics of Education Workshop.

2020: NBER Economics of Education Fall Meeting, NBER Children Spring Meeting, University College Dublin, Northeast Economics of Education Workshop.

2019: Yale University, University of Maryland, NBER Summer Institute (Education), Columbia Teacher's

College, Syracuse University, University of Zurich, Hunter College, University of Western Ontario, Canadian Economics Association Conference.

2018: NBER Economics of Education Fall Meeting, Rochester University, New York Federal Reserve Bank Education Seminar Series, Northeast Economics of Education Workshop, Centre Interuniversitaire de Recherche en Économie Quantitative (CIREQ), Association for Education Finance and Policy, Society of Labor Economists, International Workshop on the Applied Economics of Education, Canadian Economics Association Conference.

2017: Columbia University, NBER Economics of Education Fall Meeting, New York University, Northwestern University, Queen's University, University of California-Los Angeles, University of Ottawa, University of Toronto, University of Wisconsin-Madison, Workshop on Education, Skills, and Labor Market Outcomes, Canadian Economics Association Conference.

2016: Canadian Public Economics Group, International Association for Applied Econometrics, International Workshop on the Applied Economics of Education, Centre Interuniversitaire de Recherche en Économie Quantitative (CIREQ) Ph.D. Students' Conference (Montreal), Canadian Economics Association Conference.

2014-15: International Workshop on the Applied Economics of Education (2015), Annual Doctoral Workshop in Applied Econometrics (2015), Canadian Economics Association (2014, 2015).

Professional Activities

Referee for *American Economic Review*, *Journal of Political Economy*, *Quarterly Journal of Economics*, *Econometrica*, *Journal of Econometrics*, *Economic Journal*, *Journal of Labor Economics*, *American Economic Journal: Applied Economics*, *American Economic Journal: Economic Policy*, *American Economic Review: Insights*, *Journal of Political Economy: Micro*, *Review of Economics and Statistics*, *International Economic Review*, *Journal of the European Economic Association*, *Journal of Human Resources*, *Journal of Public Economics*, *Quantitative Economics*, *Journal of Applied Econometrics*, *European Economic Review*, *Journal of Policy Analysis and Management*, *Economics of Education Review*, *Canadian Journal of Economics*, *Labour Economics*, *Journal of Human Capital*, *Journal of the Royal Statistical Society: Series A*, *Journal of the Association of Environmental and Resource Economists*, *Environmental and Resource Economics*.