

HUGH MACARTNEY

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EMPLOYMENT AND AFFILIATIONS

Principal Economist, PXT Central Science, Amazon	Apr 2023 – present
Senior Economist, PXT Central Science, Amazon	Jun 2021 – Mar 2023
Faculty Research Fellow, National Bureau of Economic Research	May 2013 – Oct 2022
Adjunct Assistant Professor of Economics, Duke University	Jul 2021 – Jun 2022
Assistant Professor of Economics, Duke University	Jul 2011 – Jun 2021

EDUCATION

Ph.D. Economics, University of Toronto	2011
M.A. Economics, University of Toronto	2005
B.Sc. Physics and Astronomy, University of Toronto	2003

FIELDS OF INTEREST

Public Economics, Labor Economics, Economics of Education, Personnel Economics,
Urban Economics, Applied Econometrics

PUBLICATIONS

“Unequal Worker Exposure to Establishment Deaths” (with Eric Nielsen and Viviana Rodriguez), *Labour Economics*, 73: 102073, 2021.

“What Determines School Segregation? The Crucial Role of Neighborhood Factors” (with Gregorio Caetano), *Journal of Public Economics*, 194: 104335, 2021.

“School Boards and Student Segregation” (with John Singleton), *Journal of Public Economics*, 164: 165-182, 2018.

“The Dynamic Effects of Educational Accountability,” *Journal of Labor Economics*, 34(1): 1-28 (lead article), 2016.

WORKING PAPERS

“Self-Interest in Public Service: Evidence from School Board Elections” (with Stephen Billings, Geunyoung Park, and John Singleton), 2022.

“A Quantitative Framework for Analyzing the Distributional Effects of Incentive Schemes” (with Robert McMillan and Uros Petronijevic), 2021.

“Teacher Value-Added and Economic Agency” (with Robert McMillan and Uros Petronijevic), 2020.

“Estimating the Direct and Indirect Effects of Major Education Reforms” (with Michael Gilraine and Robert McMillan), 2020.

SELECTED AWARDS

Social Sciences and Humanities Research Council Insight Grant, “Uncovering the Education Production Function” (with Michael Gilraine and Robert McMillan), C\$180,000	2020-2022
Social Sciences and Humanities Research Council Insight Grant, “Accountability Incentives and Education Performance” (with Robert McMillan), C\$90,000	2016-2018
Hartle Award for Outstanding Graduate Scholarship, University of Toronto	June 2011
Canadian Labour Market and Skills Researcher Network Fellowship	2009-2011
University of Toronto Thesis Completion Grant	2009-2011
University of Toronto Graduate Fellowship	2005-2009
Maurice Cody Graduate Scholarship, University of Toronto	2007-2008
Ontario Graduate Scholarship	2005-2006
Royal Bank Graduate Fellowship in Public and Economic Policy	2005-2006
Department of Economics Research Grant, University of Toronto	2005-2006

TEACHING

Assistant Professor, Department of Economics, Duke University	2012-2021
<ul style="list-style-type: none"> • Public Economics of Education (graduate) • Personnel Economics of Education (graduate) • Economics of Education (upper year undergraduate) 	
Guest Lecturer, Department of Economics, University of Toronto	2008-2011
<ul style="list-style-type: none"> • Public Economics (upper year undergraduate) • Economics of Education (upper year undergraduate) 	
Instructor, Department of Economics, University of Toronto	2007-2008
<ul style="list-style-type: none"> • Mathematical Methods for Economic Theory (second year undergraduate) 	
Teaching Assistant, Department of Economics, University of Toronto	2004-2011
<ul style="list-style-type: none"> • Public Economics (upper year undergraduate) • Advanced Microeconomic Theory (upper year undergraduate) • Microeconomic Theory (second year undergraduate) 	

INVITED SEMINARS AND PRESENTATIONS

2021: University of California – San Diego

2020: Pennsylvania State University, University of Chicago, U.S. Census Bureau – Center for Economic Studies, NBER Summer Institute – Economics of Education

2019: 41st APPAM Fall Research Conference (Denver, CO), 14th Annual Meeting of the Urban Economics Association (Philadelphia, PA), NBER Summer Institute – Real Estate, NBER Summer Institute – Conference on Research in Income and Wealth, 24th Annual Society of Labor Economists Meeting (Arlington, VA)

2019 cont'd: 2019 Triangle Applied Micro Conference (Duke University), Federal Reserve Bank of Atlanta Micro Labor Workshop, 2019 Econometric Society North American Winter Meeting (Atlanta, GA)

2018: Federal Reserve Bank of Minneapolis Education Conference, 13th Annual Meeting of the Urban Economics Association (New York, NY), 23rd Annual Society of Labor Economists Meeting (Toronto, ON), 2018 Econometric Society North American Winter Meeting (Philadelphia, PA)

2017: NBER Economics of Education Fall Meeting (Cambridge, MA), University of Wisconsin-Madison, University of Nebraska-Lincoln, 22nd Annual Society of Labor Economists Meeting (Raleigh, NC), 42nd Annual Association for Education Finance and Policy Conference (Washington, DC)

2016: NBER Economics of Education Fall Meeting (Stanford, CA), Econometrics and Applied Microeconomics Conference (Northwestern University), 2016 Econometric Society North American Winter Meeting (San Francisco, CA)

2015: Harris School of Public Policy Studies (University of Chicago), NBER Public Economics Fall Meeting (Stanford, CA), Terry College of Business (University of Georgia), University of Alberta, University of Calgary, 11th Econometric Society World Congress (Montreal, QC), Stanford Institute for Theoretical Economics Workshop, 4th Society of Labor Economists and European Association of Labour Economists World Conference (Montreal, QC), NBER Economics of Education Spring Meeting (Cambridge, MA), 40th Annual Association for Education Finance and Policy Conference (Washington, DC)

2014: Yale University, Duke Empirical Microeconomics Jamboree, University of California – Berkeley, Harvard University, University of Pennsylvania

2013: Princeton University, Arizona State University, University of Illinois at Chicago, NBER Summer Institute – Economics of Education (joint with Labor Studies), Stanford Graduate School of Business, Queen’s University, Cornell University, School of Education and Social Policy Conference (Northwestern University), University of North Carolina at Chapel Hill

2012: Federal Reserve Bank of New York (joint with NYU Wagner), Economics of Education Workshop (Lexington, KY), 2012 Federal Reserve Bank of Cleveland Policy Summit, University of Rochester, University of Virginia

2011: University of Michigan, 2011 Public Economic Theory Conference (Bloomington, IN), 36th Annual Association for Education Finance and Policy Conference (Seattle, WA), Duke University, University of Montreal, University of Western Ontario, Kennedy School of Government (Harvard University), New York University

pre-2011: 4th Annual Canadian Labour Market and Skills Researcher Network Conference (Quebec City, QC), University of Toronto (Centre for Economics and Public Affairs)

REFEREE SERVICE

Quarterly Journal of Economics, Econometrica, American Economic Review, Journal of Labor Economics, Review of Economics and Statistics, American Economic Journal: Applied Economics, Journal of Human Resources, Journal of Public Economics, American Economic Journal: Economic Policy, Journal of the European Economic Association, International Economic Review, RAND Journal of Economics, Economic Development and Cultural Change, Journal of Economic Behavior & Organization, Canadian Journal of Economics, Economic Inquiry, Economics of Education Review, Journal of Human Capital, Education Finance and Policy, Journal of Policy Analysis and Management, Economics Bulletin, Canadian Public Policy, National Science Foundation, Spencer Foundation, Nuffield Foundation