

## Matthew Strathearn

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CONTACT INFORMATION	319 Widgeon Way Ottawa, ON K1T0G1	(613) 859-7300 matthew.strathearn@gmail.com mattstrathearn.com
RESEARCH INTERESTS	Microeconomic theory, game theory, industrial organization, competition policy, price fixing, leniency programs, and plea-bargaining.	
EDUCATION	<b>Carleton University</b> , Ottawa, ON  Ph.D., Economics, <i>Expected</i> : Summer 2020 <ul style="list-style-type: none"><li>• Status: Full-Time</li><li>• Thesis: <i>Three Essays on Cartels</i></li><li>• Supervisor: Dr. Zhiqi Chen</li></ul> M.A., Economics w/ Concentration in Financial Economics, June 2014 <ul style="list-style-type: none"><li>• Topic: <i>Banking Concentration and Financial Stability: An application of the conditional fixed effects logit model</i></li><li>• Advisor: Dr. Lynda Khalaf</li></ul> B.A., Economics w/ Cooperative Education, June 2013	
INDUSTRY EXPERIENCE	<b>Student Researcher</b> , Bank of Canada	Aug 2018 to Present
	<ul style="list-style-type: none"><li>• Working with spatial econometric models.</li><li>• <i>A Spatial Panel Model of Bank Branches in Canada</i> (with Heng Chen)</li><li>• <i>Effects of Bank Branch Distance on Cash Demand and Withdrawals: Evidence from the Bank of Canada Method of Payment Surveys</i> (with Heng Chen and Marcel-Cristian Voia)</li></ul>	
	<b>Research Analyst</b> , Citizenship and Immigration Canada	Jan 2018 to Jan 2019
	<ul style="list-style-type: none"><li>• I worked with the research and evaluation branch conducting various research projects centred around Canadian immigration.</li><li>• Studied interprovincial mobility of Canadian immigrants.</li><li>• Designed an algorithm to select the optimal distribution of new immigrant service centres within major Canadian cities.</li></ul>	
	<b>Regulatory Specialist</b> , Bell Canada	Sep 2015 to Dec 2016
	<ul style="list-style-type: none"><li>• Built financial models that estimate the per-unit cost of providing wholesale and retail telecommunications services.</li><li>• Demonstrated to the Canadian Radio-television and Telecommunications Commission (CRTC) that our pricing schemes were consistent with cost based regulations.</li><li>• A brief stint with the financial engineering team modelling the cost of capital for various services.</li><li>• Automated various internal processes using Visual Basic for Applications (VBA).</li></ul>	
	<b>VBA Programmer</b> , Agriculture and Agri-food Canada	June 2015 to Aug 2015
	<ul style="list-style-type: none"><li>• I was responsible for the maintenance, debugging, and design of various tools used by the organisation. These tools were programmed using Visual Basic for Applications (VBA).</li></ul>	
	<b>Internal Auditor</b> , Canadian Food Inspection Agency	Sept 2010 to Aug 2013
	<ul style="list-style-type: none"><li>• Worked on numerous internal process/control audits. Occasionally provided support to the internal financial audit team.</li></ul>	

PUBLICATIONS

- Chen, Heng, and Strathearn, Matthew. *A Spatial Panel Model of Bank Branches in Canada*. *Advances in Econometrics* (Volume 42): The Econometrics of Networks, Forthcoming

WORKING PAPERS

- Khan, Hashmat, and Strathearn, Matthew. *Collusion and Antitrust Filings over the Business Cycle*. Carleton Economic Papers (CEP). Department of Economics, December 18, 2018.
- Chen, Heng, and Strathearn, Matthew. *A Spatial Panel Model of Bank Branches in Canada*.

CONFERENCES

- Chen, Heng, and Strathearn, Matthew. *A Spatial Panel Model of Bank Branches in Canada*. Poster presented at: 2019 Microeconometrics: Survey Methodology and Data Science. Bank of Canada, September, 2019
- Strathearn, Matthew, Chen, Zhiqi, and Ross, Thomas W. *Settlements in the Presence of Leniency Programs: Costs and Benefits*. 53rd Annual Conference of the Canadian Economics Association. May, 2019.
- Chen, Heng, Strathearn, Matthew, and Voia, Marcel-Cristian. *Cash Management and Banking Density*. Poster presented at: 2019 Fellowship Learning Exchange. Bank of Canada, May, 2019
- Chen, Heng, Strathearn, Matthew, and Voia, Marcel-Cristian. *Cash Management and Banking Density*. Poster presented at: 2018 Retail Payments Workshop. Bank of Canada, October, 2018

AWARDS

Graduate Awards

- Ontario Graduate Scholarship (OGS) 2019-2020
- SSHRC Doctoral Fellowship 2018-2019
- Ontario Graduate Scholarship (OGS) 2018-2019
- CRESSE Fellowship in Competition Policy July 2017
- Ontario Graduate Scholarship (OGS) 2017-2018
- Randall Geehan Memorial Scholarship in Quantitative Economics 2017
- Departmental Teaching Assistant Excellence Award 2015
- Full Graduate Teaching Assistantship 2013-2019
- Carleton Departmental Scholarship 2013-2018
- Domestic Entrance Scholarship (Ph.D) 2013-2014

Undergraduate Awards

- Mathematical Competition in Modelling (MCM) - Honourable Mention 2013
- Deans Honour List 2013
- Deans Honour List 2009

TEACHING EXPERIENCE

Teaching Assistant (Carleton University) 2012-Present

- Introductory Economics
- Producer Theory
- Applied Econometrics
- Econometrics I
- Econometrics II
- Microeconomic Theory (Graduate)
- Research Methods (Graduate)
- Econometric Theory (Graduate)

Contract Instructor (Carleton University)

2019-Present

- Graduate Research Methods (ECON 5029)
- Graduate Microeconomic Theory (ECON 5020)
- Graduate Industrial Organization I (ECON 5301)

CITIZENSHIP

- Canada
- United Kingdom

REFERENCES

Dr. Zhiqi Chen  
Full Professor,  
Department of Economics  
Carleton University