

MIGUEL CARDOSO

Department of Economics
The University of Western Ontario
1151 Richmond Street
London, ON N6A 5C2

Mobile: (647) 297-9640
Email: mcardoso@uwo.ca
Site: sites.google.com/view/mcardoso-econ/
Citizenship: Canadian

Placement Director: Chris Robinson

519-661-2111 Ext. 85047

robinson@uwo.ca

Education

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| 2012-2018 (expected) | Ph.D Economics
<i>The University of Western Ontario, London, Canada</i>
<i>Thesis: The trade creation effect of migrants</i> |
| 2010-2011 | Master of Arts in International Economics and Finance
<i>Ryerson University, Toronto, Canada</i> |
| 2006-2010 | Honours Bachelor of Commerce
<i>Ryerson University, Toronto, Canada</i> |

Research and Teaching Fields of Interests

Primary Fields: International Economics, Migration
Secondary Fields: Macroeconomics, Labor Economics

Relevant Positions Held

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| 2015-Current | Instructor
<i>The University of Western Ontario</i>
<i>The University of Western Ontario, Kings College Campus</i> |
| 2016-Current | Deemed Employee
<i>Statistics Canada</i> |
| 2014-Current | Research Assistant
<i>The University of Western Ontario (Prof. Ananth Ramanarayanan & Prof. Michael Haan)</i> |
| 2012-2016 | Teaching Assistant
<i>The University of Western Ontario</i> |
| 2011-2012 | Financial Analyst
<i>El Capitano Clothing Ltd.</i> |

Working Papers and Work in Progress

"Linking Migrant Networks to a Firm's Decision to Export in a Model of Trade" (Job Market Paper)

"Two Decades of Change in the Mover's Premium: Insights from Canadian Administrative Data", with Michael Haan

"A Study of International Migration: Looking Beyond OECD Countries"

“Accounting for Foreign-born Employees in a Firm’s Decision to Export”, with Ananth Ramanarayanan (Work in Progress)

“Detailing the Growth of Income Inequality in Canada, 1991-2013”, with Michael Haan and Robert Andersen (Work in Progress)

Courses Taught

Instructor

Intermediate Macro Theory and Policy II, *The University of Western Ontario*, Summer 2016

International Trade and Migration, *Kings College*, Winter 2016

Intermediate Microeconomic Theory I, *The University of Western Ontario*, Summer 2015

Teaching Assistant

Econometrics(MFE), *The University of Western Ontario*, Fall 2015

Advanced Macroeconomics, *The University of Western Ontario*, Fall 2014

Intermediate Macro Theory and Policy I, *The University of Western Ontario*, Fall 2013

Abstracts of Working Papers

“The trade-creation effect of migrants: a multi-country general equilibrium analysis” (Job Market Paper)

I develop a general equilibrium multi-country model that allows for interaction between firm production decisions and individual migration decisions. By explicitly embedding a role for migrants to affect firm costs the model enables me to simultaneously study both the trade inducing and labour market impact of migration on source and destination countries. Changes in workers’ location due to international migration can influence the number of firms that find it profitable to operate domestically or in foreign markets. This has consequences for the welfare of workers due to changes in the amount and range of differentiated products that can be purchased locally or imported for consumption. For countries with a large diaspora distributed among many countries such as that of Portugal and Poland the welfare outcomes from international migration are 100% and 50% worse relative to the benchmark case if I restrict the role that migrants have on affecting firm costs.

“Two Decades of Change in the Mover’s Premium: Insights from Canadian Administrative Data”, with Michael Haan

In this paper we look at what is perhaps the most obvious explanation for a secular decline in internal migration in recent decades, yet one that few researchers have been able to examine: declining economic returns to geographical mobility. We use the Canadian Employer-Employee Dynamics Database (CEEDD), a linked firm-family-individual tax file, to look at the 1- and 5-year economic returns for movers that relocated in 1997, 2002, and 2007. We compare these returns to non-movers, and find that “mover’s premium” has actually increased over time, but that this increase stems from a one-time bump that occurs at time of move, rather than through a long-term shift in earnings trajectories.

“A Study of International Migration: Looking Beyond OECD Countries”

I estimate a general equilibrium model of migration driven primarily by differences in income and migration costs across countries to replicate global migration patterns. Our framework incorporates labour productivity differences across countries, worker heterogeneity in production across skill types, as well as country-pair specific costs of migration. Our main finding is that for both OECD and non-OECD countries international migration has increased a worker’s average wage by as much as 1.5%. The effect however is different for high and low skilled workers. High skilled workers from non-OECD countries see a gain

of 3.0% compared with only 0.5% for low skilled workers. Our counterfactuals also include an experiment in which countries currently on the road to European Union membership are granted the right to work in the European Economic Area without a permit; in such a case wages in large immigrant receiving European countries suffer significantly.

Abstracts of Work in Progress

“Accounting for Foreign-born Employees in a Firm’s Decision to Export”, with Ananth Ramanarayanan

In this paper we document the relationship between a firm’s propensity to export and their composition of foreign-born workers. Members of migrant networks can play a key role in overcoming information barriers by acting as intermediaries between firms and inducing trade. Previous studies have relied on aggregate country level trade and migration flow data to study the role of migrant populations in the promotion of international trade. Using the Canadian Employer-Employee Dynamics Database-Trade by Enterprise Characteristics, a unique longitudinal dataset that links employers and employees, we provide new evidence on how valuable foreign-born workers are to firms engaging in export operations. We find that firms are more likely to export to a particular destination if they have foreign-born workers from that destination, and that language barriers make up a significant portion of the information frictions that limit firm exporting.

“Detailing the Growth of Income Inequality in Canada, 1991-2013”, with Michael Haan and Robert Andersen

This paper examines the changing face of inequality in Canada from 1991 to 2013 and investigates the causes of these changes by utilizing a unique longitudinal Canadian tax file dataset, the Canadian Employer-Employee Dynamics Database (CEEDD). Our decomposition results show that the wage structure effects, effects not attributed to changes in the distribution of worker characteristics, accounted for over 30% of the increase in observed income inequality in Canada between 1991 and 2013. These wage structure effects include the widening of the gender earnings gap, and increases in earnings differentials across household types. The remaining 70% of income inequality can be attributed to changes in the distribution of worker demographics such as the geographic mobility and marital status of Canadian workers. We show that if the distribution of worker characteristics from 1991 were held constant to 2013, income inequality, as measured by the Gini, would only have increased to .371 from 0.357 instead of the 0.395.

Conference Presentations

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| 2017 | “Accounting for Foreign-born Employees in a Firm’s Decision to Export” (with Ananth Ramanarayanan), Annual Conference of the Canadian Economic Association, Antigonish, Canada |
| | “Detailing the Growth of Income Inequality in Canada, 1991-2013” (with Michael Haan and Robert Andersen), Statistics Canada Analytical Paper Series Brown Bag Session, Ottawa |
| 2016 | “Linking Migrant Networks to a Firm’s Decision to Export in a Model of Trade”, Annual Conference of the Canadian Economic Association, Ottawa, Canada |
| | “A Study of International Migration: Looking Beyond OECD Countries”, European Community Studies Association Canada Biennial Conference, Halifax, Canada |

Technical Skills

MATLAB, SAS, STATA, FORTRAN

Awards and Fellowships

Ontario Graduate Scholarship, 2015-2016
Western Graduate Scholarship, 2012-2016
Ryerson Graduate Award, 2011
Ryerson Graduate Scholarship, 2011

References

Prof. Ananth Ramanarayanan (Chair)
Assistant Professor
Department of Economics
The University of Western Ontario

Prof. Salvador Navarro
Associate Professor
Department of Economics
The University of Western Ontario

Prof. Michael Haan
Associate Professor
Department of Sociology
The University of Western Ontario

Prof. Jim MacGee
Associate Professor and MFE Director
Department of Economics
The University of Western Ontario