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<b>CURRENT POSITION</b>	<b>K.U.Leuven, Belgium</b> Hoofddocent (Associate Professor), Department of Economics	2008 – present
<b>RESEARCH AFFILIATIONS</b>	<b>Centre for Economic Policy Research (CEPR), London</b> Research Affiliate, Industrial Organization Research Affiliate, International Trade and Regional Economics	2009 – present 2010 – present
	<b>National Bureau of Economic Research (NBER), Boston</b> Faculty Research Fellow, Productivity group	2003 – present
	<b>International Motor Vehicle Program, Boston</b> Massachusetts Institute of Technology, Researcher	2005 – present
	<b>AUTO21, Canada</b> Network of Centres of Excellence, Researcher	2005 – 2009
<b>PAST POSITIONS</b>	<b>University of Toronto, Canada</b> Associate Professor (tenured), Department of Economics Assistant Professor, Department of Economics	2007 – 2009 2001 – 2007
	<b>Victoria University, Wellington, New Zealand</b> Visiting Associate Professor	2007 – 2008
	<b>KU Leuven, Belgium</b> Visiting Assistant Professor	Summer 2003 Winter 2004-05
	<b>OECD, Paris, France</b> Consultant, Economics Department,	1998
<b>EDUCATION</b>	<b>Stanford University, Ph.D. in Economics</b> Dissertation: “Essays on Productivity: Applications to Automobile Assembly and African Manufacturing”	Sept. 2001
	<b>KU Leuven, Belgium</b> Licentiaat in Economics (M.A.)	June 1995
	<b>KU Leuven, Belgium</b> Kandidaat in Commercial Engineering (B.A.)	June 1993
<b>HONORS</b>	Excellence Award in Global Economic Affairs (Kiel Institute) Highly Commended Paper, Award for Excellence (Emerald Insight) Development Co-operation Prize (Belgian Development Cooperation) Young Economist Award (EARIE) Outstanding Teaching Assistant Award (Dept. of Economics, Stanford) Highest Honors with Felicitations of the Examinations Committee (K.U.Leuven)	2009 2008 2006 2001 1998 1993,1994,1995

**REFEREED  
ARTICLES**

- “Dissecting Intra-Industry Trade” *Economics Letters* (forthcoming)
- “Wages Equal Productivity. Fact or Fiction?” *World Development* (forthcoming)
- “Bidding for Investment Projects: Smart Public Policy or Corporate Welfare?,” *Canadian Public Policy*, 36, April 2010, pp. S31-47.
- “Trade Growth Following the African Growth and Opportunity Act,” with Garth Frazer, *Review of Economics and Statistics*, 92(1), February 2010, pp. 128-144.
- “Disaggregate Productivity Comparisons: Sectoral Convergence in OECD Countries,” *Journal of Productivity Analysis*, 32, 2009, pp. 63-79.
- “Globalisation of the Automotive Industry: Main Features and Trends,” with Timothy J. Sturgeon, Olga Memedovic, and Gary Gereffi, *International Journal of Technological Learning, Innovation, and Development*, 2(1-2), 2009, pp. 7-24.
- “The North American Automotive Value Chain: Canada’s Role and Prospects,” with Timothy J. Sturgeon and Gary Gereffi, *International Journal of Technological Learning, Innovation, and Development*, 2(1-2), 2009, pp. 25-52.
- “Understanding Cross-country Differences in Export Premia – Comparable Evidence for 14 Countries,” with Joachim Wagner, *et al.*, *Review of World Economics*, 144(4), December 2008, pp. 596-635.
- “Governments at the Bidding Table,” *New Zealand Economic Papers*, 42(2), December 2008, pp. 213-232.
- “The Sensitivity of Productivity Estimates: Revisiting Three Important Debates,” *Journal of Business and Economic Statistics*, 26(3), July 2008, pp. 311-328.
- “Value Chains, Networks, and Clusters: Reframing the Global Automotive Industry,” with Timothy Sturgeon and Gary Gereffi, *Journal of Economic Geography*, 8(3), May 2008, pp. 297-321.
- “Aggregating and Decomposing Productivity,” *Review of Business and Economics*, 53(2), April-June 2008, pp. 122-146.
- “Complementarities in Automobile Production,” *Journal of Applied Econometrics*, 22(7), December 2007, pp.1315-1345.
- “Robustness of Productivity Estimates,” *Journal of Industrial Economics*, 55(3), September 2007, pp. 529-569.
- “The Cost of Flexibility,” *Assembly Automation*, 27(1), March 2007, pp. 55-64.
- “Protection for Sale with Imperfect Rent Capturing,” with Giovanni Facchini and Gerald Willmann, *Canadian Journal of Economics*, 39(3), August 2006, pp. 845-873.
- “Exporting Raises Productivity in sub-Saharan African Manufacturing Firms,” *Journal of International Economics*, 67(2), December 2005, pp. 373-391.
- “Firm Size Matters: Growth and Productivity Growth in African Manufacturing,” *Economic Development and Cultural Change*, 53(3), April 2005, pp. 545-584.

“Productivity Dynamics with Technology Choice: An Application to Automobile Assembly,” *Review of Economic Studies*, 70(1), January 2003, pp. 167–198.

“The Effect of Technology Choice on Automobile Assembly Plant Productivity,” *Economic and Social Review*, 33(1), Spring 2002, pp. 65–73.

**EDITED  
VOLUMES  
AND  
CHAPTERS**

“Trends and Complementarities in the Canadian Automobile Industry,” in Z. Chen, and M. Duhamel (eds.) *Industrial Organization in Canada: Empirical Evidence and Policy Challenges*, Montreal: McGill-Queen’s University Press, 2011.

“Introduction: The Automobile and Its Industry in Canada” (with Dimitry Anastakis), Editors’ introduction to special issue of *Canadian Public Policy*. 36, April 2010, pp. Siii-x

“The impact of trade promotion services on Canadian Exporter Performance,” (with Emily Yu and Shenjie Chen) in D. Ciuriak (ed.) *Trade Policy Research 2009*, Ottawa: Foreign Affairs and International Trade Canada, 2010.

(Available online at: [http://www.international.gc.ca/economist-economiste/assets/pdfs/research/TPR\\_2010/Chapter5-eng.pdf](http://www.international.gc.ca/economist-economiste/assets/pdfs/research/TPR_2010/Chapter5-eng.pdf))

“The Impact of Trade and Technology Adoption on Production Flexibility in Canadian Manufacturing,” (with Alla Lileeva) in D. Ciuriak (ed.) *Trade Policy Research 2009*, Ottawa: Foreign Affairs and International Trade Canada, 2010, pp. 63-94.

(Available online at: [http://www.international.gc.ca/economist-economiste/assets/pdfs/research/TPR\\_2010/Chapter3-eng.pdf](http://www.international.gc.ca/economist-economiste/assets/pdfs/research/TPR_2010/Chapter3-eng.pdf))

“Effects of the 2008–09 Crisis on the Automotive Industry in Developing Countries: A Global Value Chain Perspective,” (with Timothy Sturgeon) in Olivier Cattaneo, Gary Gereffi and Cornelia Staritz, *Global Value Chains in a Postcrisis World: A Development Perspective*, 2010, Washington D.C.: World Bank Publications.

(Appeared earlier as World Bank Policy Research Working Paper No. 5330)  
<http://go.worldbank.org/P9OPQJ2AG0>

“Crisis and Protection in the Automotive Industry: A Global Value Chain Perspective,” (with Timothy Sturgeon) in O. Cattaneo, S.J. Evenett, and B. Hoekman (eds.) *Effective Crisis Response and Openness: Implications for the Trading System*, 2009, CEPR and World Bank.

(Appeared earlier as World Bank Policy Research Working Paper No. 5060)  
<http://go.worldbank.org/6MUOQGMLU0>

“Wage and Productivity Premiums in Sub-Saharan Africa,” in S. Bender, J. Lane, K. Shaw, F. Andersson, and T. von Wachter (eds.) *The Analysis of Firms and Employees: Quantitative and Qualitative Approaches*, University of Chicago Press. 2008.

(Appeared earlier as University of Toronto Working Paper No. 291)  
<http://repec.economics.utoronto.ca/files/tecipa-291.pdf>

“The Canadian Automotive Market,” in D. Ciuriak (ed.) *Trade Policy Research 2006*, Ottawa: Foreign Affairs and International Trade Canada, 2007, pp. 187-340.

(Available online at: <http://www.international.gc.ca/trade-agreements-accords-commerciaux/assets/pdfs/JVB-en.PDF>)

“Capability Building in China's Auto Supply Chains,” with Loren Brandt, Chapter 3 in Conference Proceedings: *Offshore Outsourcing: Capitalizing on Lessons Learned*, Industry Canada and Rotman School of Management. 2005.

(Available online at: [www.rotman.utoronto.ca/offshoring/Ch4.pdf](http://www.rotman.utoronto.ca/offshoring/Ch4.pdf))

“Outsourcing Multiple Parts to Many Countries: An Application to the Automotive Industry,” with Lijun Zhang, Chapter 9 in Conference Proceedings: *Offshore Outsourcing: Capitalizing on Lessons Learned*, Industry Canada and Rotman School of Management, 2005.

(Available online at: [www.rotman.utoronto.ca/offshoring/Ch9.pdf](http://www.rotman.utoronto.ca/offshoring/Ch9.pdf) )

## RESEARCH REPORTS

“The Demand for and the Supply of Fuel Efficiency in Models of Industrial Organization,” January 2010, Discussion Paper No. 2010-9, Joint Transport Research Centre of OECD and International Transport Forum (DOI : [10.1787/20708270](https://doi.org/10.1787/20708270) )

“Impediments and Facilitators of Technology Adoption and Diffusion. A Literature Survey of the Last 10 Years,” 2007, Industry Canada Economic Research and Analysis, Working Paper Series. (<http://www.ic.gc.ca/eic/site/eas-aes.nsf/eng/ra02040.html>)

“Measuring Productivity Dynamics with Endogenous Choice of Technology and Capacity Utilization: An Application to Automobile Assembly,” December 2000, U.S. Census Bureau, CES Discussion Paper 00-16 ([http://www.ces.census.gov/index.php/ces/cespapers?down\\_key=101615](http://www.ces.census.gov/index.php/ces/cespapers?down_key=101615))

“Performance and Regulatory Patterns in the OECD Countries,” Working Party 1 report, OECD

## WORKING PAPERS

“Market Structure and Innovation: A Dynamic Analysis of the Global Automotive Industry” (with Aamir Hashmi), April 2010.

“Creative Accounting or Creative Destruction? Firm-level Productivity Growth in Chinese Manufacturing,” (with Loren Brandt and Yifan Zhang), NBER Working Paper No. 15152, July 2009. (Revised and resubmitted to *Journal of Development Economics*)

“Outsourcing when Investments are Specific and Complementary” (with Alla Lileeva), NBER Working Paper No. 14477, November 2008

## WORK IN PROGRESS

“Scale versus Scope: Technology Adoption in the Automotive Industry”

“The Impact of Entry into WTO on Chinese Enterprise Productivity,” with Loren Brandt, Lijun Wang, and Yifan Zhang.

“Trade Dynamics: Outsourcing Automotive Components to China” with Lijun Zhang

“Productivity Benchmarking in Automotive Components: China, Japan, Korea, Europe, Canada, and the U.S.” with Loren Brandt

“Strategic Trade Liberalization” with Frank Verboven

## TEACHING EXPERIENCE

### K.U.Leuven:

DOC16a: Dynamic Optimization	2009 – 2010
Ph.D. Class in Industrial Organization (joint with ULB, UCL)	2009 – 2010
Ph.D. class in Industrial Organization (as visiting Professor)	2004 – 2005

### University of Toronto:

ECO2901: Industrial Organization II, graduate (4 years)	2002 – 2006
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ECO310Y: Industrial Organization & Policy Analysis (7 years)	2001 – 2007
ECO370Y: Theory of Organizations (2 years)	2006 – 2007
ECO324Y: Development Economics	2008
ECO364H: International Trade	2009
ECO327Y: Applied Econometrics	2001 – 2002
ECO299Y: Research Opportunity Program	2002 – 2003

**Stanford University:**

Economics 101: Topics in International Economics	Spring 2001
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**GRADUATE SUPERVISION****KU Leuven***Advisor*

Yingting Yi (ongoing)	2009 –
Goa Hang (ongoing)	2010 –
Schmidt Alexander (ongoing)	2010 –
Schminke Annette (ongoing)	2010 –

*Thesis committee*

Ziga Zarnic (2009), Stijn Vannormelingen (2009), Xiang Tao (2010)

Laura Grigolon, Ana Salomon, Anneleen Vandeplass, Joris Morbee (all ongoing)

**University of Toronto***Advisor*

Lijun Zhang (Shanghai Jiao Tong University)	2008
Hankook Kim (Industry Canada)	2008
Jean Eid, joint with Eugene Choo (Wilfrid Laurier University)	2007
Aamir Hashmi, main advisor Diego Restuccia (National Univ. of Singapore)	2007

*Thesis committee*

Noriko Ozawa (University of British Columbia at Okanagan) 2005, Alla Lileeva (York University) 2004

**PRESENTATIONS****Keynote presentations:**

COST Conference, Firm Dynamic in transition & developing economies, Edinburgh, April 2009.

Aachen Workshop on International Production, Aachen, November 2009.

**Conferences and workshops:**

2010: OECD Research Round Table (Paris), Belgian Trade Conference (Leuven), CEPR IO (Toulouse), ERWIT-CEPR trade (Rome), Inaugural Workshop Centre for the Chinese Economy (Oxford), Econometric Society World Congress (Shanghai), EARIE (Istanbul), Economic Growth of China (Zurich).

2009: CRIMT (Montreal), DFAIT (Ottawa), COST workshop (Rome), Danish workshop on international economics (Aarhus), CEPR IO meetings (Mannheim), COST meeting (Amsterdam), ACE Conference (Hong Kong)

2008: New Zealand Econometrics Study Group (Auckland), Otago Trade Workshop (Dunedin), EARIE (Toulouse)

2007: IIOC (Savannah), CEA (Halifax)  
 2006: NBER Productivity meetings, CEPR (Dublin), IMVP Mini-conference (Boston), Offshoring conference (Rotman), CAFÉ (Nuremberg), Empirical Trade (Wilfrid Laurier)  
 2005: ASSA-AEA (Philadelphia), IIOC (Atlanta), NBER Productivity meetings, SITE (Stanford), Econometric Society World Congress (London)  
 2004: ASSA-AEA (San Diego), IIOC (Northwestern), CEPR Empirical I.O. (Hydra), EC<sup>2</sup> (Marseille)  
 2003: SAET (Rhodes), SITE (Stanford), NBER Productivity meetings  
 2002: NBER URC-ITI meeting, NBER Summer Institute, EARIE (Madrid), EC<sup>2</sup> (Louvain-la-Neuve)  
 2001: Econometric Society European Meetings (Lausanne), NEUDC (Boston), EARIE (Dublin), NBER Productivity meetings (Cambridge)  
 1997: European Studies Conference (Columbia University)

**Invited presentations:**

2010: Erasmus University Rotterdam, R.U.Groningen, OECD Global Value Chains (Paris), University of Nottingham  
 2009: MIT Sloan - Harvard Business School, Tilburg University, Kiel Institute for World Economy, WZB Berlin, UITP Annual Meeting, (Gent), Lingnan University  
 2008: ISRC (Wellington), Aachen University, London School of Economics  
 2007: University of Canterbury, Victoria University of Wellington  
 2006: Tuck School of Business (Dartmouth), Federal Reserve Board (Washington DC), University of Illinois at Urbana-Champaign, Case Western Reserve University, Catholic University of Leuven  
 2005: UBC IO conference (Vancouver), Wilfrid Laurier  
 2004: London School of Economics, Industry Canada (roundtable on global supply chains), University of Montreal  
 2003: University of Illinois at Urbana-Champaign, Kellogg Northwestern, CEU Budapest, Catholic University of Louvain  
 2002: University of Antwerp, CIRANO (Montreal)  
 2001: New York University, McGill, University of Toronto, CORE/UCL, INSEAD, London School of Economics, HEC Montreal, Georgia Tech, Carlos III Madrid, VU Amsterdam, Tilburg University, Catholic University of Louvain

<b>FELLOWSHIPS</b>	Olin Fellowship in Law and Economics	2001
	Littlefield Dissertation Fellowship	2000 – 2001
	Littlefield Fellowship	1999 – 2000
	Belgian American Educational Foundation & Francqui Foundation Fellow	1995 – 1996
<b>RESEARCH GRANTS</b>	ERC Starting Researcher grant (€45,000)	2009 – 2014
	START-TBA, Onderzoeksraad K.U.Leuven (€100,000)	2009 – 2011
	Program Financing, K.U.Leuven (€450,000)	2010 – 2017
	IMVP Operating Grant (\$15,000)	2007 – 2009
	AUTO21, Network of Centres of Excellence (\$36,000)	2007 – 2009
	SSHRC, Standard Research Grant (\$62,000)	2006 – 2009
	IMVP Operating Grant (\$37,000)	2006 – 2007
	SSHRC, Initiative on the New Economy, Outreach Grant (\$43,000)	2006 – 2007

AUTO21, Network of Centres of Excellence (C\$34,000)	2005 – 2007
Canada Foundation for Innovation, New Opportunities Award (\$40,000)	2003 – 2005
Ontario Innovation Trust (\$40,000)	2003 – 2005
SSHRC, Initiative on the New Economy Grant (\$95,000)	2002 – 2005
Connaught Matching Grant (\$30,000)	2002 – 2004
Littlefield Research Grant	2000 – 2001
National Science Foundation	1999 – 2001
Graduate Research Opportunity Grant, Stanford University	1999 – 2000
Smaller grants: SSHRC-SIG (2007-08, 2002-04); Dean's travel fund (2002)	

<b>EDITOR</b>	<b><i>Economics</i></b> (electronic journal), Associate Editor	2007 –
	<b><i>Canadian Journal of Economics</i></b> , Editorial Board	2007 –
	<b><i>Journal of Productivity Analysis</i></b> , Associate Editor	2008 –
	<b><i>Canadian Public Policy</i></b> , Guest Editor Special issue on the Automotive Industry	2008 – 2009

**REFEREE****General interest**

*American Economic Review, Econometrica, Journal of Political Economy, Review of Economic Studies, Review of Economics and Statistics, Journal of the European Economic Association, Economic Journal, European Economic Review, Scandinavian Journal of Economics, Economic Bulletin, Southern Economic Journal, International Journal of Economic Issues, AEJ-macro, AEJ-applied, Canadian Public Policy, Oxford Economic Papers, Journal of the Spanish Economic Association.*

**Industrial organization**

*RAND Journal of Economics, Journal of Industrial Economics, International Journal of Industrial Organization, Journal of Economics and Management Strategy, Review of Industrial Organization, B.E. Journal in Economic Analysis & Policy, Journal of Productivity Analysis, Journal of Economic Behavior and Organization, Industrial and Corporate Change, Journal of Corporate Finance, Journal of Law, Economics, and Organizations, Journal of Corporate Finance, Journal of Law, Economics, and Organizations.*

**International economics**

*Journal of International Economics, International Review of Economics & Finance, Canadian Journal of Economics, Review of International Economics, Review of World Economics, Journal of the Asia Pacific Economy, Journal of the Japanese and International Economies.*

**Development economics**

*Journal of Development Economics, Economic Development & Cultural Change, World Development, Journal of Development Studies, Journal of African Economies, Review of Economic Development.*

**Applied econometrics**

*Journal of Econometrics, Journal of Business and Economic Statistics, Journal of Applied Econometrics, Oxford Bulletin of Economics & Statistics, Empirical Economics, Labour Economics.*

**Granting agencies**

*National Science Foundation, FWO (Flanders, Belgium), Sloan Foundation, SSHRC*

**SERVICE****University of Toronto:**

Mentor of New Faculty, Carlos Serrano	2004 – 2008
Area coordinator Industrial Organization, University of Toronto	2003 – 2008

Recruiting committee	2003–2004, 2005 – 2006
Graduate appeals committee	2003 – 2005
Department chair search UTM	2003