

# Martin Berka

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**Research fields:** Open macroeconomics, International trade and finance

**Education:** **Ph.D. (Econ.), University of British Columbia**, Vancouver, 2005  
Dissertation: "Purchasing Power Parity Puzzle as a Trade Phenomenon"  
Committee: Michael B. Devereux (advisor), John F. Helliwell and James M. Nason  
**M.A. (Econ.), Central European University**, Essex, UK & Budapest, Hungary, 1998  
Thesis: Restructuring of the Banking Sector in Slovakia. Supervisor: Ugo Pagano.  
**M.B.A. (Finance), Comenius University**, Bratislava, Slovakia, 1997  
**B.A. (Management), Comenius University**, Bratislava, Slovakia, 1995

**Academic professional experience:** **Senior Lecturer** July 2005 - date  
Massey University, Auckland, New Zealand  
Teaching experience: Principles of macro, Advanced macro, Time series econometrics  
Other: Supervision, Recruitment and Research Committees, Brown bag seminar coordinator

**Research Associate, Centers for International Price Research**, Oct 2009 - date  
<http://www.vanderbilt.edu/econ/cipr/>

**Post-doctoral Research Fellow, INE**, UBC, July 2003-June 2004  
Changes in the distribution of world income ("twin peaks" phenomenon) and bilateral industry-level trade (work with Prof. Paul Beaudry)

**Lecturer**, University of British Columbia, 2002-2004 Principles of Macroeconomics

**Research assistant for Prof. Michael B. Devereux**, UBC, Aug 2000-2002  
Estimating exchange rate pass through, welfare implications of exchange rate arrangements.

**Research assistant for Prof. John F. Helliwell**, UBC, Dec 1998-2002  
Programming and estimation of the effects of economic distance on international trade densities.

**Teaching Assistant**, University of British Columbia, 1999-2002  
Microeconomics, Macroeconomics, International Trade, Monetary Theory and Policy  
Econ 602: Macroeconomic Theory (Ph.D.)

**Research assistant at Central European University**, Oct-Nov 1997  
Compilation of a large historical dataset for Czech Republic and Slovakia before and during their economic transition.

**Non-academic professional experience:** **Economist, Bank of Canada**, Ottawa, Canada, Jan-May 2001  
Division of Monetary and Financial Modelling, Department of Monetary and Financial Analysis. Work on models of credit crunch, wrote two papers (see below).

**Analyst, Budget Office**, Central European University, Budapest, Jan-Feb 1998  
Assessing the cost structure of university departments.

**Analyst, USAID, Slovak Banking Advisory Center**, Bratislava, Slovakia, 1995-96  
Assessment of the magnitude of bad debt problem, development of techniques to address it and consequent training of the bank managers.

**Research papers:**

- "Non-linear Adjustment in International Prices and Physical Characteristics of Goods". *Review of International Economics*, 2009, vol. 17, issue 1 (p.51-73).
- "General Equilibrium Model of Arbitrage Trade and Real Exchange Rate Persistence", Submitted
- "Financial Intermediation with Heterogeneous Agents: Transitional Dynamics and Policy Responses" (with Christian Zimmermann)
- "What Determines European Real Exchange Rates?" (with Michael Devereux) work in progress
- "The Consumption Terms of Trade and Commodity Prices" (with Mario Crucini) work in progress
- "Credit Crunch as an Optimal Decision of Banks Under Uncertainty"
- "Determinants of the Law of One Price Deviations in sub-Saharan Africa: Evidence From Local Markets in 17 Countries", work in progress.
- "Dynamics of law of one price deviations: evidence from scanner price data" (with Michael Devereux and Thomas Rudolph), work in progress.

**Conferences:**

- Canadian Macroeconomics Study Group**, Queen's University, November 2009: "Financial Intermediation with Heterogeneous Agents: Transitional Dynamics and policy Responses" (with Christian Zimmermann)
- Southern Workshop in Macroeconomics**, Auckland, July 2009: "The Consumption Terms of Trade and Commodity Prices" (with Mario Crucini)
- NBER 20th East Asian Seminar on Economics**, Hong Kong, June 2009: "The Consumption Terms of Trade and Commodity Prices" (with Mario Crucini)
- 27th Australasian Economic Theory Workshop**, Massey Auckland, Feb 2009: organizer
- Money Macro and Finance Research Group Conference**, London, UK, September 2008 presenter: "Financial Intermediation with Heterogeneous Agents: Transitional Dynamics and Policy Responses" (with Christian Zimmermann)
- University of Cyprus**, Nicosia, August 2008. Present and work with Prof. Zachariadis.
- Econometric Society Australasian Meeting**, Alice Springs, Australia, July 2006 session chair: "Applied Finance Exchange Rates", presenter: "Non-linear adjustment in law of one price deviations and physical characteristics of goods"
- DSGE modeling workshop, Reserve bank of New Zealand**, Wellington, March 2006
- Econometric Society Meeting**, Boston, January 2006. presenter: "General Equilibrium Model of Arbitrage Trade and RER Persistence" (also at U of Auckland and GFC, Dublin) discussant: "Studying the Effects of Household and Firm Credit on the Trade Balance: The Allocation of Funds Matters" by B. Buyukkarabacak and S. Krause
- Carnegie Bosch Institute, Microeconomic Sources of Real Exchange Rate Behavior**, Pittsburgh, PA, September 2005, Invited discussion leader of Time-Varying Risk, Interest Rates, and Exchange Rates in General Equilibrium, by F. Alvarez, A. Atkeson and P. Kehoe
- Initiative for New Economics, International Workshop**, UBC, November 2003 presenter: "Non-linear Adjustment in International Prices and Physical Characteristics of Goods"
- NBER Summer Institute**, Cambridge, MA, July 2002, "Financial Intermediation with Heterogeneous Agents: Transitional Dynamics and Policy Responses", (with Christian Zimmermann).
- Canadian Economic Association**, University of Calgary, May 2002, presenter: "Solving the PPP Puzzle From the Bottom up", discussant: "Higher Power Tests for Bilateral Failure of PPP after 1973", by E. Pesavento, chair: Topics in Theoretical Macroeconomics
- Canadian Macroeconomic Study Group**, UBC, Vancouver, November 2001
- Canadian Economic Association**, McGill University, Montreal, May 2001 presenter: Credit Crunch as an Optimal Decision of Banks Under Uncertainty

- Presentations:** 2007: National Bank of Slovakia  
2008: University of Auckland, University of Cyprus  
2009: University of Auckland, Reserve Bank of New Zealand, Victoria University of Wellington  
2010: University of Canterbury (upcoming)
- Teaching experience:** 2009: Advanced macroeconomics (undergrad), Research methods in finance (grad)  
2008: Advanced macroeconomics (undergrad), Principles of macroeconomics  
2007: Intermediate econometrics (undergrad), Principles of macroeconomics, preparation for International Trade course (Dalhousie University)  
2006: Time series econometrics (grad), Principles of macroeconomics  
2005: Principles of macroeconomics, Research methods in financial economics (undergrad)
- Research visits:** University of British Columbia, Vancouver, Nov-Dec 2009  
Reserve Bank of Australia, Sydney, May 2009  
Dalhousie University, Halifax, Canada, May-July 2007
- Other academic:** Referee for *Journal of Monetary Economics*, *Journal of International Economics*  
*Journal of International Money and Finance*, *Empirical Economics*, *Southern Economic Journal*  
*International Trade Journal*  
Editor, New Economic Papers in Open Macro, <http://econpapers.repec.org/scripts/nep.pl>  
Editor (Czech & Slovak), Munich Personal RePEc Archive <http://mp.ra.repec.org/>  
Organizer, Brown Bag Seminars, Dep of Economics & Finance, 2007-present  
Member, Economic Design Network EDN
- Awards:** Massey University Research Fund, 2006, 2008  
Post-doctoral Fellowship, Initiative for New Economics, UBC, 2003  
University Graduate Fellowship, UBC, 1999-2002  
Bank of Montreal Fellowship for freshman Ph.D. student, UBC, 1998-1999  
George Soros Fellowship, at the University of Essex and CEU, 1996-1998  
Tempus Scholarship at University of Groningen, the Netherlands, Spring 1995  
College of Management Scholarship, Comenius University, 1993-1995
- Computer skills:** Matlab, Gauss, Shazam, Eviews, Microfit, Microsoft Access, Office  
UNIX, L<sup>A</sup>T<sub>E</sub>X, basic programming in Pascal and Basic
- Languages:** English, Slovak (native), Czech, Russian, Polish, German (high-school level)
- Volunteer work:** The Auckland Rowing Club (<http://www.theaucklandrowingclub.org.nz>), executive committee member, 2009  
Mountain Fund (<http://www.mountainfund.org>), board member, 2005-date  
North Shore Search and Rescue, North Vancouver, member, 2002-2004  
Canadian Mountain Encyclopaedia, (<http://bivouac.com>), editor, 2001-date  
AIESEC Comenius University, VP for external relations, 1994  
Youth Service International, expedition member, 1992. Restoration and maintenance projects in the national parks of Czechoslovakia.