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Personal Citizenship: Ukraine, Permanent resident of Canada

Education University of Arizona, Ph.D. in Economics (May, 2008)

University of Arizona, M.A. in Economics (December, 2004)

National University of “Kiev-Mohyla Academy”, (Ukraine) M.A. in Economics (June 2000)

National University of “Kiev-Mohyla Academy”, (Ukraine) B.A. in Economics (June 1998)

Research Interests: Industrial Organization, Applied Microeconomics, Applied Econometrics.

Work Experience

2019 - present *Principal Researcher*, Bank of Canada, Currency department.

2016 - 2018 *Senior Economist*, Bank of Canada, Currency department.

2015 - 2016 *Visiting Assistant Professor*, Washington University, Olin School of Business.

2010 - 2015 *Postdoctoral Researcher*, Department of Economics, University of Mannheim.

2008 - 2010 *Postdoctoral Associate*, Cowles Foundation for Research in Economics, Yale University.

2003 - 2008 *Research Assistant*, University of Arizona:

Gautam Gowrisankaran (Spring 2007 - Summer 2008); Daniel Akerberg (Summer 2006);
David Reiley (Fall 2003 - Fall 2006); Alfonso Flores-Lagunes (Spring 2006).

2000 - 2003 *Research Associate*, Institute for Economic Research and Policy Consulting / German Advisory Group on Economic Reforms in Ukraine.

2001 *Intern*, Econ. Department, DaimlerChrysler AG, Stuttgart, Germany (May-July, 2001).

Research and Policy Papers

- “Welfare analysis of equilibria with and without early termination fees in the U.S. wireless industry” with Joseph Cullen and Nicolas Schutz. Bank of Canada SWP 2020-9.
- “Demand for payment services, new product introduction and consumer welfare” with Kim P. Huynh, Jozsef Molnar and Qing Hui Yu. Bank of Canada SWP 2020-7.
- “Explaining the Interplay Between Merchant Acceptance and Consumer Adoption in Two-Sided Markets for Payment Methods” with Kim P. Huynh and Gradon Nicholls. Bank of Canada SWP 2019-32.
- “Quality overprovision in cable television markets” with Gregory Crawford and Matthew Shum. *American Economic Review*. Vol.109. No.3, Mar 2019.
- “Firm-level investment under imperfect capital markets in Ukraine”. Bank of Canada SWP 2019-14. Under review at JEMS, 2nd round.
- “Identifying the degree of collusion under proportional reduction” with Naoki Wakamori. Bank of Canada SWP 2017-51.
- “Measuring consumer switching costs in the television industry”. *RAND Journal of Economics*, Vol.47, No.2, Summer 2016.
- “Government regulation as collusion facilitating device: evidence from Ukrainian white sugar industry in 1993-200. Working paper.
- “Dynamic cash inventory model” with Lei Xu, work in progress.
- “Payment Card Network Structure and its Consequences” with Soo-Jin Kim and Ryan Martin, work in progress.

- “Measuring consumer switching costs in the wireless industry” with Joseph Cullen, working paper.
- “The effect of consumer switching costs on market power of cable television providers”, working paper.
- “Public-private partnership as a screening device in transition economy” with Ferdinand Pavel and Sergey Verstyuk, IER Working Paper, 2005.
- “Fostering vertical integration in Ukraine: advantages and drawbacks,” *Journal of Competition*, No.1, Antimonopoly Committee of Ukraine, 2002.
- “Restructuring of the fixed line telephone service market in Ukraine,” with Petra Opitz and Pavel Sugolov, IERPC, German Advisory Group, Q10, 2001.
- “Infrastructure monitoring for Ukraine,” telecommunications, with B.Dodonov, C. von Hirschhausen, P. Opitz and P. Sugolov, issues #2-4, IER, 2001-2003.

Referee Activity

Econometrica, Review of Economic Studies, American Economic Review, Review of Economics and Statistics, The Economic Journal, Management Science, AEJ: Micro, Journal of Applied Econometrics, International Journal of Industrial Organization, RAND Journal of Economics, The B.E. Journal of Economic Analysis & Policy, Journal of Development Studies, International Economic Review.

Teaching Experience

Washington University

- Microeconomics (undergraduate, Spring 2016).
- Game Theory for Business (undergraduate, Spring 2016).
- Market Competition and Value Appropriation (undergraduate game theory, Fall 2015).

University of Mannheim

- Dynamic models in empirical industrial organization (Ph.D., with Kathleen Nosal), 2013-2015.
- Empirical methods in industrial organization (undergraduate), 2010-2014.
- Empirical industrial organization (Ph.D., with Yuya Takahashi), 2010-2012.

Yale University

- Firms, markets, and competition (undergraduate), 2010
- Industrial organization II (graduate, with Steven Berry), 2009.
- Industrial organization I (graduate, with Steven Berry), 2008.

University of Arizona, 2005-2008.

- Microeconomic analysis for business majors (3 sessions).
- Intermediate microeconomics (2 sessions).
- Basic economic issues (1 session).

University of Arizona, teaching assistant

- Industrial organization and regulation II (graduate), 2007.
- Introduction to econometrics (graduate), 2006.
- Industrial organization and regulation I (graduate), 2006.
- Macroeconomic theory (graduate), 2005.
- Societal and institutional systems, 2005.
- Microeconomic theory (graduate), 2004.
- Microeconomic analysis for business decisions (undergraduate), 2004.

Presentations at Conferences, Workshops, Seminars

- 2020 AEA/ASSA Conference 2020 (San Diego), Econometric Society World Congress.
- 2019 AEA/ASSA Conference 2019 (Atlanta), IIOC 2019 (Boston), CEPR 2019 (Madrid).
- 2018 Federal Communications Commission, Federal Reserve Board, 10th Paris Digital Economics Conference at Telecom ParisTech, IIOC-2018, Canadian Economics Association, Bank of Canada Fellowship Learning Exchange workshop.
- 2017 2nd Asia Pacific IO conference, IIOC-2017, Structural Microeconomics Conference at Yale University, Bank of Canada IO workshop, Bank of Canada Fellowship Learning Exchange workshop.
- 2016 Federal Communications Commission, Bank of Canada, Rochester University, Indiana University, Washington University in St. Louis
- 2015 MaCCI Annual Conference (Mannheim), Sixth Workshop on Consumer Search and Switching Costs (Groningen), IO Seminar at Telecom ParisTech (Paris)
- 2014 GSE Barcelona Summer Forum (Barcelona), CREST (Paris), MaCCI Annual Meeting (Mannheim), MaCCI IO Day (Mannheim)
- 2013 SFB TR 15 (Bonn), MaCCI Annual Meeting (Mannheim), MaCCI IO Day (Mannheim)
- 2012 MaCCI IO Day (Mannheim), MaCCI Conference (Mannheim), Tinbergen Workshop on Industrial Economics (Amsterdam)
- 2011 Second Workshop on Search and Switching Costs (Groningen), SFB TR 15 (Tutzing)
- 2010 SFB TR 15 (Bonn)
- 2008 London School of Economics IO workshop series (London), Pennsylvania State University IO seminar series, (State College)
- 2002-2007 EERC-Russia biannual workshops, Moscow, Russia.
- 2002 - “Competition in the telecommunication sector”, Development of Domestic Markets in Ukraine, Welfare Through Competition, IERPC Conference, Kiev, Ukraine
- “Competition and technical efficiency of Ukrainian manufacturing enterprises”, INFER Annual Conference, Bonn, Germany.

Languages

English (fluent), Russian (native), Ukrainian (native).