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CONTACT INFORMATION

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EDUCATION

PhD, Economics, Indiana University, Bloomington, IN, 2000
MA, Economics, Indiana University, Bloomington, IN, 1996
BS, Economics, University of Minnesota, Minneapolis, MN, 1992

PROFESSIONAL EXPERIENCE

Professor, Department of Agricultural Economics, Purdue University, Aug 2020 to present. Teaching international trade subjects at both the undergraduate and graduate levels.

Courtesy appointment, Department of Economics, Purdue University, Jan 2018 to present.

Associate Professor, Department of Agricultural Economics, Purdue University, Aug 2016 to Aug 2020.

Senior Economist, Department of Trade and Integration (DECTI), World Bank, Oct 2012 to June 2016.

Associate Professor, Department of Economics, University of Melbourne, Oct 2008 to Mar 2014.

Director of Graduate Programs in the Department of Economics, Jan 2011 to Sept 2012.

Senior Lecturer, Department of Economics, University of Melbourne, Sept 2004 to Oct 2008.

International Economist, Research Division, U.S. International Trade Commission (USITC), Sept 1999 to July 2004.

Visiting Assistant Professor, Department of Economics, Purdue University, Aug 2001 to May 2002.

JOURNAL ARTICLES

“Risk Management in Border Inspection,” 2022, *Journal of Development Economics*, 154, 102748, with Bilgehan Karabay and Shawn Tan

“Commitment Behavior in the World Trade Organization’s Trade Facilitation Agreement,” 2022, *The World Economy*, 45, pp. 36-75, with Carlos Zurita

“Trade Effects of Customs Reform: Evidence from Albania,” 2021, *World Bank Economic Review*, 35(1), pp.34-57, with Ana M. Fernandes and Alejandra Mendoza Alcantara

- “A Coasian Model of International Production Chains,” 2018, *Journal of International Economics*, 114, pp. 299-315, with Thibault Fally
- “Policy and Performance in Customs: Evaluating the Trade Facilitation Agreement,” 2018, *Review of International Economics*, 26(2), pp. 438-480, with Xiaohui Zhang
- “Import Dynamics and Demands for Protection,” *Canadian Journal of Economics*, 2016, 49(3), pp. 1125-1152, with Phillip McCalman
- “Open Skies over the Middle East,” *The World Economy*, 2015, 38(11), pp. 1650-81, with Anca Cristea and Aaditya Mattoo
- “Fair Trade' Coffee and the Mitigation of Local Oligopsony Power,” *European Review of Agricultural Economics* 2014, 41(4), pp. 537-559, with Donald MacLaren and Suphanit Piyapromdee
- “Measuring the Upstreamness of Production and Trade Flows,” *American Economic Review Papers & Proceedings*, 2012, 102(3), pp. 412-16, with Pol Antràs, Davin Chor and Thibault Fally
- “Structural Estimation and Solution of International Trade Models with Heterogeneous Firms,” *Journal of International Economics*, 83(2), 2011, pp. 95-108, *lead article*, with Edward Balistreri and Thomas Rutherford
- Reprinted in Kym Anderson (ed), Measuring WTO's Contributions to Global Welfare, 2014, Edward Elgar Publishers.
- “Trade and Welfare: Does Industrial Organization Matter?” *Economics Letters*, 109(2), 2010, pp. 85-87, with Edward Balistreri and Thomas Rutherford
- “The Gravity Model: An Illustration of Structural Estimation as Calibration,” *Economic Inquiry*, 46(4), 2008, pp. 511-527, with Edward Balistreri
- “Trade Responses to Geographic Frictions: A Decomposition Using Micro-Data,” *European Economic Review*, 52(3), 2008, pp. 527-550, with David Hummels
- “Structural Estimation and the Border Puzzle,” *Journal of International Economics*, 72(2), 2007, pp. 451-463, with Edward Balistreri
- “Trade Frictions and Welfare in the Gravity Model: How Much of the Iceberg Melts?” *Canadian Journal of Economics*, 39(1), 2006, pp. 247-265, with Edward Balistreri
- “Taste Parameters as Model Residuals: Evaluating the ‘Fit’ of an Armington Trade Model,” *Review of International Economics*, 13(5), 2005, pp. 973-984, with Michael Anderson, Edward Balistreri, and Alan Fox
- “Intra-National Home Bias: Some Explanations,” *Review of Economics and Statistics*, 85(4), 2003, pp. 1089-1092, with David Hummels
- “Aggregation Bias, Compositional Change, and the Border Effect,” *Canadian Journal of Economics*, 35(3), 2002, pp. 517-530

“Regional Trade and the ‘Medicine Line’: The National Border Effect in U.S. Commodity Flow Data,” *Journal of Borderlands Studies*, 13(2), 1998, pp. 1-17

BOOK CHAPTERS

“21st Century Trade Wars,” in *Policy Analysis and Modeling of the Global Economy: A Volume in Honor of Prof. Thomas Hertel*, Peter Dixon and Dominique van der Mensbrugghe, eds, World Scientific Press, 2021, with Edward J. Balistreri.

“Tom Hertel’s influence and its lessons about academic inquiry” in *Policy Analysis and Modeling of the Global Economy: A Volume in Honor of Prof. Thomas Hertel*, Peter Dixon and Dominique van der Mensbrugghe, eds, World Scientific Press, 2021, with David Hummels.

“Trade Elasticity Parameters for a CGE Model,” in *Handbook of Computable General Equilibrium Modelling*, Dale Jorgenson and Peter Dixon eds. Elsevier, 2013. pp. 1213-1269, with David Hummels.

“Causes of International Production Fragmentation: Some Evidence,” in *Global Value Chains: Impacts and Implications*, Canadian Department of Foreign Affairs and International Trade, 2011.
A translation of this chapter was also published in the French language version of the book.

“Review of International Experience: Ex Post Studies of Other PTAs and Implications for PTA Design,” in *Negotiating a Preferential Trading Agreement: Issues, Constraints and Practical Options*, Edward Elgar Publishers, Sisira Jayasuriya, Donald MacLaren, Gary Magee eds., 2009, pp. 12-34.

BOOK REVIEWS

“The Development and Testing of Heckscher-Ohlin Trade Models: A Review,” by Robert E. Baldwin, *Economic Record*, 86(272), 2010, pp. 125-127.

OTHER PUBLICATIONS

“An Examination of the Community-Level Dynamics Related to the Introduction of Wind Energy in Indiana.” *Purdue Extension Community Development White Paper*, August 2020, with Zuzana Bednarikova, Claire Nguyen, Indraneel Kumar, Tanvi Inani, Mason Gordon, and Michael Wilcox

“Benefits of Customs Reform: The Evidence from Albania”, *Viewpoint*, World Bank Trade and Competitiveness Practice, June 2015, with Ana M. Fernandes and Alejandra Mendoza Alcántara

“Open Skies over the Middle East” *Knowledge and Learning Quick Notes*, World Bank Middle East and North Africa region, July 2014, with Anca Cristea and Aaditya Mattoo.

“New Economic Geography and Manufacturing” *Insights*, University of Melbourne, November 2008

“A Decomposition of North American Trade Growth since NAFTA,” *International Economic Review*, USITC Publication 3527, May/June 2002, with Christine McDaniel

WORKING PAPERS

- “Economic consequences of cabotage restrictions: The effect of the Jones Act on Puerto Rico” (2022) Purdue University mimeo, with Manuel Jimenez
- “Variable Scaling and Hypothesis Testing in the Gravity Model” (2022), Purdue University mimeo, with Anton Yang
- “Renewable resource rents, taxation and the effects of wind power on rural economies” (2022) Purdue University mimeo, with Nhu (Claire) Nguyen
- “The geography of payment activity on PayPal,” (2020) Purdue University mimeo, with Kornel Mahlstein and Simon Schropp
- “Expediting trade: Impact evaluation of an in-house clearance program,” (2016) World Bank Policy Research Working Paper #7708 with Ana M. Fernandes and Claudia Berg

TRADE POLICY STUDIES

- “Over the Horizon: A New Levant,” World Bank Group Report No. 86946-IQ, March 2014.
- “The Economic Effects of Significant U.S. Import Restraints: Fourth Update,” USITC Publication 3701, June 2004.
- “Express Delivery Services: Competitive Conditions Facing U.S.-based Firms in Foreign Markets,” USITC Publication 3678, April 2004.
- “The Impact of Trade Agreements: Effect of the Tokyo Round, U.S.-Israel FTA, U.S.-Canada FTA, NAFTA, and the Uruguay Round on the U.S. Economy,” USITC Publication 3621, August 2003 (Deputy Project Leader).
- “Oil and Gas Field Services: Impediments to Trade and Prospects for Liberalization,” USITC Publication 3528, March 2003.
- “U.S.-Korea FTA: The Economic Impact of Establishing a Free Trade Agreement Between the United States and the Republic of Korea,” USITC Publication 3452, September 2001.
- “The Economic Effects on the United States of the EU-South Africa Agreement on Trade, Development and Cooperation,” USITC, April 2001.
- “Electric Power Services: Recent Reforms in Selected Foreign Markets,” USITC Publication 3370, November 2000.
- “Certain Expandable Polystyrene Resins from Indonesia and Korea,” USITC Publication 3266, January 2000.

RESEARCH GRANTS

US Department of Agriculture NIFA Grant, 2020-2023, “Trade Costs and Mark-ups in Maritime Shipping”

University of Melbourne Early Career Research Grant, 2008, “Trade and Welfare Implications of Interstate Trade Frictions in India”

Australian Research Council, 2007-2009, “New Perspectives on Australian Economic History: Geography, Institutions and Major Episodes,” joint with Jeff Borland, Andrew Clarke and Lawrence Uren

University of Melbourne Early Career Research Grant, 2006, “Structural Estimation of a Model of Heterogeneous Firms and Trade”

University of Melbourne Faculty Research Grant, 2005, “Structural Estimation of a New Economic Geography Model of World Trade and Factor Returns”

AWARDS AND ACADEMIC HONORS

Superior Accomplishment Award (2001), U.S. International Trade Commission

Dwight David Eisenhower Grants for Research Fellowship (1997), U.S. Department of Transportation

Magna Cum Laude graduate and Phi Beta Kappa (1992), University of Minnesota

EDITORIAL SERVICE

Referee: *American Economic Review*, *American Economic Journal: Macroeconomics*, *American Journal of Agricultural Economics*, *ASEAN Economic Bulletin*, *Australian Journal of Agricultural and Resource Economics*, *Canadian Journal of Economics*, *Econometrica*, *Economic Inquiry*, *Economic Modelling*, *Economic Record*, *Economic Theory*, *Economics Bulletin*, *Empirical Economics*, *European Economic Review*, *European Review of Agricultural Economics*, *Food Policy*, *International Journal of Industrial Organization*, *International Monetary Fund Economic Review*, *Journal of the Asia Pacific Economy*, *Journal of Comparative Economics*, *Journal of Development Economics*, *Journal of Economic Behavior and Organization*, *Journal of Economic Dynamics and Control*, *Journal of Economic Education*, *Journal of Economic Geography*, *Journal of International Economics*, *Journal of International Trade and Economic Development*, *Journal of the Japanese and International Economies*, *Journal of Productivity Analysis*, *Mathematical Social Sciences*, *New Zealand Economic Papers*, *North American Journal of Economics and Finance*, *Oxford Bulletin of Economics and Statistics*, *Papers in Regional Science*, *Quarterly Journal of Economics*, *Research in Transportation Economics*, *Review of Economic Dynamics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Southern Economic Journal*, *Transboundary and Emerging Diseases*, *Weltwirtschaftliches Archiv (Review of the World Economy)*, *World Bank Economic Review*, *The World Economy*

Reviewer: *Productivity Commission (Australia)*, *Social Sciences and Humanities Research Council (Canada)*, *Research Grants Council (Hong Kong)*, *National Science Foundation (U.S.)*, *Transportation Research Board of the National Academies (U.S.)*, *U.S. Department of Agriculture Economic Research Service*, *World Bank*

CONSULTING

Productivity Commission (Australia)

Department of Foreign Affairs and International Trade (Canada)

World Bank

CONFERENCE ORGANIZATION

Empirical Investigations in Trade and Geography, University of Melbourne, July 3-5, 2009

PhD DISSERTATION COMMITTEE SERVICE

Sung-Il Bae, Purdue University
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Wajiha Saeed, Purdue University
Mason Reasner, Purdue University

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