

CONTACT INFORMATION	The University of St Andrews Business School Department of Economics St Andrews KY16 9RJ	Cell: +44 7350172290 E-mail: zd36@st-andrews.ac.uk Website: https://econjosh.github.io/ Chinese; Married, 2 children
EMPLOYMENT	Lecturer in Economics, University of St Andrews Business School, UK Central Bank Research Fellow, BIS, Basel, Switzerland Senior Research Economist, CEFER, Bank of Lithuania, Vilnius, Lithuania Research Affiliate, Kaunas University of Technology, Kaunas, Lithuania	2025 – Spring 2025 2020–2025 2020–2025
AFFILIATION	Member of ECB's ChAMP Research Network	2024–2025
EDUCATION	Ph.D.in Economics, University of Washington , Seattle, WA • 2019–2020 on family sick leave M.A.in Economics, University of Washington , Seattle, WA M.A.in Economics, Boston University , Boston, MA	2020 2015 2013
PUBLICATIONS	Firm Heterogeneity, Variable Markups, and Multinational Production: A Review From Trade Policy Perspective <i>Journal of Economic Surveys</i> , 36(5), 1311-1357 (2022) The Dynamics of Product and Labor Market Power: Evidence from Lithuania with Jose Garcia-Louzao, Valentin Jouvanceau <i>Economics of Transition and Institutional Change</i> , 33(1), 165-194 (2025), [VoxEU]	
WORKING PAPERS	Industrial Policy Wars and Inequality: Who Loses and When? with Adam Hal Spencer (University of Bonn), Zinan Wang (Tianjin University) Forthcoming at <i>Bank of Lithuania Working Paper Series</i> The Heterogeneous Impacts of Firm Upgrading on Energy Intensity (<i>under revision</i>) with Mustapha Douch (University of Edinburgh), Povilas Lastauskas (IMF) Available at <i>IMF Working Paper No.2024/248</i> , [VoxEU] Dynamic Effects of Industrial Policies Amidst Goeconomic Tensions (<i>Revision Requested at European Economic Review</i>) with Adam Hal Spencer (University of Bonn), Zinan Wang (Tianjin University) Available at <i>Bank of Lithuania Working Paper Series No. 127</i> Mergers and Acquisitions over the Cycle—An Empirical Investigation with Benjamin Hemingway (Bank of England) Available as <i>Bank of Lithuania Discussion Paper No.35</i> Optimal Tariff with Firm Heterogeneity, Variable Markups, and FDI (<i>Under Revision</i>) Available as <i>Bank of Lithuania Working Paper No. 99</i>	

WORK IN
PROGRESS

The Macroeconomic Effects of Protectionist Industrial Policies
with Matteo Cacciatore (HEC Montreal) and Aaron Mehrotra (BIS)

CONFERENCE
AND
PRESENTATIONS

*: scheduled, +: discussant, c: by co-author, p: presenter

- Bank of International Settlements, Geoeconomics: New Developments and Historical Perspectives (University of Tübingen/CEPR)_c, Royal Economic Society Annual Meeting (University of Birmingham)_p^{*}, Bank of Italy_c, Bank of Spain_c, FIW-Research Conference on 'International Economics'_c, CESEE.net Workshop on 'Avoiding the middle-income trap' (Oesterreichische Nationalbank), Theories and Methods in Macro/T2M (CREST)_c, Econometric Society World Congress (South Korea)_p, EF&G Spring Meeting (China)_c, 9th International Macroeconomics and Finance Conference (Peking University)_c, 9th CCER Summer Institute_c^{*}, 19th Annual Dynare Conference (Bank of Finland)_p, 9th NBU-NBP Annual Research Conference (online)⁺, 3rd RISE Workshop/CEPR (Waseda University)_p, 7th Baltic Economic Conference (ISM University)_p⁺ **2025**
- National Bank of Ukraine_p(online), IMF-Bank of Lithuania Conference_p, 6th Baltic Economic Conference_p⁺, 2024 Annual CEBRA Conference (Goethe University Frankfurt)_p, Lisbon Macro Workshop (Católica Lisbon School of Business & Economics)_c, MMF 2024 (University of Manchester)_p, 14th International Conference on Economics of Global Interactions (University of Bari Aldo Moro)_c, Baltic Central Bank Research Meeting (Bank of Latvia)_p, PSE Macro Days (Paris School of Economics/CEPR)_c, Annual Research Conference of European Commission (JRC Ispra)_p, Tianjin University_c, Annual De Nederlandsche Bank Research Conference on the Macroeconomic Effects of Geopolitical Uncertainty_c, European Winter Meeting of Econometric Society (University of the Balearic Islands)_p **2024**
- 1st Baltic Central Banks Invited Lecture Series/Conference (Bank of Lithuania)⁺, Bank of Albania Research Workshop (online)_p, 3rd Shaping Globalization–International Workshop for Early Career Economists (Johannes Gutenberg-University)_p, 12th Annual Lithuanian Conference on Economic Research_p **2023**
- Conference on International Economics (online)_p, 32nd International Trade and Finance Association Annual Conference (online)_p, 4th Baltic Economic Conference (Kaunas University of Technology)_p⁺, 4th Biennial Conference on 'New Dimensions of Monetary Policy' (Bank of Lithuania-National Bank of Poland-CEBRA)⁺ **2022**
- European Trade Study Group (online)_p, European Economic Association Annual Meeting (online)_p, Annual Congress of the Swiss Society of Economics and Statistics (online)_p, Scottish Economic Society Annual Conference (online)_p, 13th FIW-Research Conference International Economics (online)_p, Global Economic Policy Group Meeting (online)_p **2021**

PROFESSIONAL
ACTIVITIES

- **Referee Assignments:** *Baltic Journal of Economics*, *Open Economies Review* (×2), *International Economics and Economic Policy*, *Review of International Economics*, *The Journal of International Trade Economic Development*, *Bank of Lithuania Working Paper Series* (×4)
- **Event Organization:** *CEFER Challenge* (×4), 4th Baltic Economic Association Conference, *Jeromimas Stroinovskis Lecture Series at Vilnius University* (×3), CEBRA Annual Meeting 2024–Session "The Macroeconomic Impacts of Geoeconomic Tensions"

TEACHING EXPERIENCE	Vilnius University , Vilnius, Lithuania	2025
	<u>Lecturer</u>	
	<ul style="list-style-type: none"> • <i>Graduate</i>: Advanced Macroeconomics 	
	Kaunas Univeristy of Technology , Kaunas, Lithuania	2020–
	<u>Guest Lecturer</u>	
	<ul style="list-style-type: none"> • <i>Graduate</i>: Macroeconomics and Forecasting, International Economics 	
	University of Washington , Seattle, WA	2014–2020
	<u>Instructor</u>	
	<ul style="list-style-type: none"> • <i>Graduate</i>: PhD Math Camp (×3), • <i>Undergraduate</i>: Introductory Macroeconomics (×2), Intermediate Macroeconomics (×2), Advanced Macroeconomics (×2), Introduction to Statistics 	
	<u>Teaching Assistant</u>	
	<ul style="list-style-type: none"> • <i>Graduate</i>: PhD Macro Core I (×2), PhD Macro Core II, PhD Macro Core III, EMBA 504 (Strategic Competitive Analysis), H MBA 501 (Analysis of Global Economic Conditions) • <i>Undergraduate</i>: Introductory Microeconomics (×2) 	
	Seattle University , Seattle, WA	2017–2019
	<u>Lecturer</u>	
	<ul style="list-style-type: none"> • <i>Undergraduate</i>: Principles of Microeconomics (×2), Principles of Macroeconomics (×2), Quantitative Methods and Applications 	
AWARDS AND HONORS	University of Washington	
	<ul style="list-style-type: none"> • Graduate Student Scholarship, Department of Economics 	2014-2019
	<ul style="list-style-type: none"> • Nominee, <i>Excellence in Teaching Award</i>, University of Washington 	2018
	<ul style="list-style-type: none"> • Graduate Teaching Award for Best TA in PhD Class, Department of Economics 	2017
	<ul style="list-style-type: none"> • Dean’s Letter for Outstanding Teaching, College of Arts and Sciences 	2016
	<ul style="list-style-type: none"> • Steven Langton Award for Undergraduate Teaching, Department of Economics 	2016
	<ul style="list-style-type: none"> • Corkery Fellowship, Department of Economics 	2013
	Boston University	
	<ul style="list-style-type: none"> • Research Assistant Mentor Program Fellowship 	2011-2012
MISCELLANEA	<ul style="list-style-type: none"> • Computer Skills: Stata, R, Matlab (Dynare), Mathematica, \LaTeX • Language: Chinese (native), English (fluent), Lithuanian (beginner), French (A2) 	
REFERENCES	Available upon request	