
Education

- 2012–2018 **PhD**, University of Warsaw, Faculty of Economics
PhD Thesis *Selected Issues on the Optimal Endogenous Growth Policy*, with distinction
- 2011–2012 **MA**, Université catholique de Louvain, Louvain School of Economics
Research Master in Economics, *avec grande distinction*
- 2010–2012 **MA**, University of Warsaw, Faculty of Economics
Master in International Economics
- 2008–2010 **BA**, University of Warsaw, Faculty of Economics & Faculty of Management
Interdisciplinary Economic-Management Studies, Bachelor in Economics

Research and Work Experience

- 2022–present **Economic Advisor**, Narodowy Bank Polski
Economic Analysis and Research Department, Division of Applied Research
- 2018–present **Assistant Professor**, University of Warsaw
Faculty of Economics, Chair of Macroeconomics and International Trade Theory
- 2021–2022 **Economist**, European Central Bank
Directorate General Economics, Forecasting and Policy Modelling Division,
ESCB/IO secondment
- 2015–2021 **Senior Economist**, Narodowy Bank Polski
Economic Research Department, Bureau of Applied Research,
former positions: Junior Economist, Economist
- 2015–2017 **Principal Investigator**, University of Warsaw
National Science Centre (Poland) grant 2014/13/N/HS4/02690:
Innovation, business cycles and growth - welfare analysis
- 2013–2015 **Research Assistant**, University of Warsaw
National Science Centre (Poland) grant 2011/01/D/HS4/04039:
Macroeconomic effects of pension system reforms

Selected Teaching Experience

- 2016–present **Lecturer**, University of Warsaw, Faculty of Economics
- Advanced Macroeconomics (in English, groups around 30 MA students)
 - Advanced Macroeconomics (in Polish, groups around 200 MA students)
 - Applied Macroeconomics (in English, groups around 60 MA students)

Selected Published Papers

- 2022 Demographics, monetary policy and the zero lower bound
(with M. Brzoza-Brzezina and M. Kolasa),
forthcoming in *Journal of Money, Credit, and Banking*
- 2022 Intergenerational redistributive effects of monetary policy
(with M. Brzoza-Brzezina & M. Kolasa),
Journal of European Economic Association 20(2): 549–580
- 2022 Labor tax reductions in Europe: The role of property taxation
(with N. Stähler), *Macroeconomic Dynamics* 26(2): 419–451
- 2020 Demographics and the natural interest rate in the euro area
(with M. Brzoza-Brzezina & M. Kolasa), *European Economic Review* 129
- 2019 Comment on “The limits of forward guidance”
by Jeffrey R. Campbell, Filippo Ferroni, Jonas D. M. Fisher and Leonardo Melosi
(with M. Brzoza-Brzezina & M. Kolasa), *Journal of Monetary Economics* 108: 135–139
- 2019 Could the boom-bust in the eurozone’s periphery have been prevented?
(with M. Brzoza-Brzezina, M. Kolasa & K. Makarski),
Journal of Common Market Studies 57(2): 336–352
- 2018 Inequality in an OLG Economy with Heterogeneous Cohorts and Pension Systems
(with J. Tyrowicz & K. Makarski), *Journal of Economic Inequality* 16(4): 583–606
- 2018 Illusory Gains from Privatizing Social Security when Reform is Politically Unstable
(with K. Makarski & J. Tyrowicz), *Peace Economics, Peace Science and Public Policy* 24(2)
- 2016 Reforming retirement age in DB and DC pension systems in an aging OLG economy
with heterogenous agents (with J. Tyrowicz & K. Makarski), *IZA Journal of Labor Policy* 5
- 2016 Decreasing fertility vs increasing longevity: Raising the retirement age in the context
of ageing processes (with K. Goraus, J. Hagemejer & J. Tyrowicz),
Economic Modelling 52(PA): 125–143
- 2015 Small assumptions (can) have a large bearing: evaluating pension system reforms
with OLG models (with K. Goraus, J. Hagemejer, K. Makarski & J. Tyrowicz),
Economic Modelling 48(C): 210–221

Selected Working Papers

- 2023 Labor market institutions and the business cycle: the role of aggregate demand
(with M. Kolasa and P. Kopiec)
- 2023 Estimates and projections of the natural rate of interest for Poland and the euro area
(with A. Błażejowska, M. Brzoza-Brzezina, K. Kuźniemska-Pawlak and G. Szafranski)
- 2018 The natural rate of interest: estimates, drivers, and challenges to monetary policy
(with C. Brand & A. Penalver [editors]), *European Central Bank Occasional Papers* No. 217

Selected Research Visits, Workshops and Summer Schools

- 2022 Finance for Macroeconomists: High Frequency Analysis, News, Surprises and Shocks, EABCN
- 2019 Visiting Scholars Programme, Banque de France
- 2018 Heterogeneous Agent Models in Continuous Time with Monetary Policy Applications, EABCN & University of Mannheim
- 2017 Advanced Topics in Monetary Economics, Study Center Gerzensee
- 2016 Tools for Macroeconomists: Advanced Tools, London School of Economics
- 2016 Advances in Bayesian Analysis of DSGE Models, EABCN & European University Institute, Florence
- 2015 Dynare Summer School, Banque de France & CEPREMAP, Paris
- 2015 Zurich Initiative on Computational Economics, University of Zurich

Selected Conference Presentations

- 2023 38th Annual Congress of the European Economic Association, Barcelona
- 2022 28th International Conference on Computing in Economics and Finance, Dallas
- 2019 3rd Annual Workshop of ESCB Research Cluster on Monetary Economics, London
- 2019 22nd Central Bank Macroeconomic Modelling Workshop, Dilijan
- 2019 34th Annual Congress of the European Economic Association, Manchester
- 2018 33rd Annual Congress of the European Economic Association, Cologne
- 2018 24th International Conference on Computing in Economics and Finance, Milan
- 2017 32nd Annual Congress of the European Economic Association, Lisbon
- 2016 28th European Association of Labour Economists Conference, Gent
- 2016 Annual Conference of the Royal Economic Society, Brighton
- 2015 First World Congress of Comparative Economics, Rome

Organizational Experience

- 2023 Organization of the 5th Warsaw Money-Macro-Finance Conference
- 2018-2019 Co-authorship and editorial work on the ECB's WGEM task force on *The natural rate of interest* final report
- 2018-2019 Co-organization of National Bank of Poland's Summer Workshop
- 2016-2020 Co-organization of conferences at the University of Warsaw's Faculty of Economics

Computer Skills

- Proficient Python, Matlab, Dynare, Fortran, Latex, Lyx, Linux
- Intermediate Julia, R, Stata, EViews, Mathematica

Language Skills

- Polish Native
- English Proficient (C2)
- German Basic

Hobbies

Squash, Sailing, Historical European Martial Arts

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