
Education

- 2017 - 2021 **PhD in Quantitative Economics** *Collegium of Economic Analysis, Warsaw School of Economics*, area of research: *income uncertainty, social insurance and family*,
- 2015 - 2017 **MSc in Quantitative Economics** *University of Warsaw, Faculty of Economics*, The insurance motive in the evaluation of the pension system reform, *summa cum laude*.
- 2013 - 2018 **BA in Mathematics**, *University of Warsaw, Faculty of Mathematics, Informatics and Mechanics*, Simulated annealing for discrete and continuous problems.
- 2012 - 2015 **BA in Quantitative Economics**, *University of Warsaw, Faculty of Economics*, Children as a public good in PAYG pension system, published.
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Working experience

- 2021-present **Senior Consultant**, Sustainability & Economics: Economic Analysis Team, Deloitte
- 2019-present **Member of the Board**, FAME|GRAPE,
- 2015-present **Research Assistant**, FAME|GRAPE
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Teaching experience

- 2017 - 2020 **Collegium of Economic Analysis**, *Warsaw School of Economics*, studies in polish.
○ Microeconomics I [bachelor], Microeconomics II [bachelor]
- 2020 - 2021 **Faculty of Management**, *University of Warsaw*, studies in polish.
○ Mathematics [bachelor], Mathematical Finance [bachelor]
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Publications

- 2021 *Political (in)stability of social security reform*, with K. Makarski, J. Tyrowicz, R. Beetsma, *Journal of Economic Dynamics and Control*
- 2020 *The importance of family: a macroeconomic perspective*, with M. Malec, **PenCon2020**, Wydawnictwo Politechniki Łódzkiej
- 2019 *A regression discontinuity evaluation of reducing early retirement eligibility in Poland*, with P. Strzelecki, J. Tyrowicz, **International Journal of Manpower**
- 2015 *Children as a public good in PAYG pension system*, **Central European Economic Journal**, previously *Ekonomia*

Research papers in progress

- *Efficiency versus insurance: capital income taxation and privatizing social security*, with K. Makarski, J. Tyrowicz, **in revision** at *Review of Economic Dynamics*
 - *Progressing towards efficiency: the role for labor tax progression in social security privatization*, with K. Makarski, J. Tyrowicz
 - *Family policies: macroeconomic and welfare analysis in overlapping generations framework*
 - *Efficient redistribution with endogenous fertility*
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Scholarships and awards

- 2020 - 2021 **Scholarship for the best PhD students**, Narodowy Bank Polski
- 2018 - 2021 **Scholarship for the best PhD students**, Warsaw School of Economics
- 2015 - 2021 **Diamentowy Grant**, Ministry of Science and Higher Education, research grand for young scientist
- 2019 **Best Poster Award**, 10th Demographic Conference of "Young Demographers"
- 2018 **PROM scholarship** for study visit at Goethe University Frankfurt
- 2017 **Scholarship for excellent research achievement**, Ministry of Science and Higher Education
- 2013 - 2017 **Scholarship for the best students**, University of Warsaw
- 2012 - 2016 **The Educational Enterprise Foundation's Scholarship**
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Conferences

- 2021 DSE 2021 (Germany), XXXVIII Konferencja Polityków Społecznych (Zoom)
 - 2020 Public Sector Economics 2020 Conference (Zoom), EEA Congress (Zoom)
 - 2019 8th NBP Summer Workshop (Poland), 18th Journées LAVG (France), 2nd Baltic Economic Conference (Latvia), 27th Annual Symposium of the Society for Nonlinear Dynamics and Econometrics (USA), 10th Demographic Conference of "Young Demographers" (Czech Republic), 17th International Conference on Pension, Insurance and Savings (France)
 - 2018 ASSA Annual Meeting (USA), SSES Annual Congress (Switzerland), Pension Conference (Poland), 7th NBP Summer Workshop (Poland), EEA-ESEM 2018 Congress (Germany)
 - 2017 XXII Workshop on Dynamic Macroeconomics (Spain), 22nd Annual International Conference on Macroeconomic Analysis and International Finance (Greece), 15th International Conference on Pension, Insurance and Savings (France), AGENTA Final Conference (Austria)
 - 2015 - 2016 29th Annual Conference of the European Society for Population Economics (Turkey), European Population Conference (Germany), Konferencja Długoterminowe Oszczędzanie (Poland)
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Summer schools

- 2021 **CRC/TR 224 and Econometric Society Summer School in Dynamic Structural Econometrics**, University of Bonn
 - 2020 **Heterogenous Agent Models (HAM): Crafting, Calibration, and Estimation**, full semester course organised by prof. Mariacristina De Nardi at University of Minnesota
 - 2020 **Using EUROMOD for model family simulations**, EUROMOD-HHoT Summer School
 - 2019 **Hands on Heterogeneous Agent Macroeconomics** Budapest School for Central Bank Studies
 - 2018 **Mcroeconometrics: quantitative methods for policy evaluation** Barcelona Graduate School of Economics
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Languages and computer skills

Polish: Native	Proficient:	Fortran, Matlab, Stata, TeX / LaTeX
English: Proficient	Intermediate:	R
	Basic:	C++, SAS, SQL