

Joanna Tyrowicz

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Education

- 2003–2006 **PhD**, University of Warsaw, Poland.
"Institutional Determinants of Investment Processes in Poland – Selected Issues", *Summa Cum Laude*
- 2002–2004 **M.Sc.**, Katholieke Universiteit Leuven, Belgium.
"Institutions, Technology Diffusion and Growth", *Summa Cum Laude*
- 1999–2002 **BA and MA**, University of Warsaw, Poland.
"Welfare and Growth Aspects of the International Transfers", *Summa Cum Laude*

Employment

- 2006–present **Associate Professor (tenured)**, *Faculty of Economics, University of Warsaw*, Poland.
Teaching: advanced macro, econometrics, labor economics, development economics.
Completed PhDs: Karolina Goraus, Magdalena Smyk, Lucas van der Velde
PhDs in the process: W. Hardy and P. Szewczyk
2006–2011: developing and heading M.A. in Development Economics, with over 60 graduates
- 2009–present **Short term consultant**, *The World Bank*.
Engagements: labor market projects in Croatia, Latvia, Morocco and Poland.
- 2012–present **Founding Member and Manager**, *GRAPE - Group for Research in APplied Economics*, Poland.
Responsibilities: research projects, fundrasing, facilitation, visibility.
- 2007–2017 **Economic Advisor and Head of Team**, *Economic Institute, National Bank of Poland*, Poland.
Area: labor market and household sector

Awards and scholarships

- 2014–2017 **Award for research excellence**, Ministry of Higher Education and Science
2013 **Best Book of the year**, "Unemployment Hysteresis in Poland" [in Polish], Polish Economists' Association
2011 **Mentoring fellowship**, Polish Science Foundation
- 2011–2014 **Award for research excellence**, Ministry of Higher Education and Science
- 2010–2011 **Mellon Fellow**, Netherlands Institute of Advanced Studies (NIAS)
- 2009–2010 **Fulbright Fellow**, Columbia University
- 2008–2009 **Dekabana Fellow**, University of Glasgow
- 2008 **Visiting researcher**, Indiana University
- 2005 **Visiting researcher**, Universite Paris X Nanterre
- 2004 **Visiting researcher**, Katholieke Universiteit Leuven

Languages and computer skills

Polish	Native	TeX / LaTeX	Proficient
English	Proficient	STATA	Proficient
French	Advanced	Fortran	Intermediate
Italian	Good		

References

- Jan Svejnar**, Columbia University, CERGE-EI, IZA, CEPR, svejnar@columbia.edu
- Saul Estrin**, London School of Economics, IZA, CEPR, s.estrin@lse.ac.uk
- Roberta Gatti**, The World Bank, rgatti@worldbank.org.

Publications

Articles in refereed journals [in English]

- 2017 *Which gender wage gap estimates to trust? A comparative analysis*, **Review of Income and Wealth**, forthcoming, with K. Goraus, L. van der Velde
- Analyzing the efficiency of the pension reform: the role for the welfare effects of fiscal closure*, **Macroeconomic Dynamics**, forthcoming, with J. Hagemeyer and K. Makarski
- Do pirates play fair? Ethical judgment of unauthorized sports broadcasts*, **Behaviour and Information Technology**, forthcoming, with M. Krawczyk, A. Kukla-Gryz and W. Hardy
- 2016 *Productivity and inequality effects of rapid labor reallocation – Insights from a meta-analysis of studies on transition*, **Journal of Economic Surveys**, forthcoming, with L. van der Velde and J. Svejnar
- Decreasing fertility vs increasing longevity: Raising the retirement age in the context of ageing processes*, **Economic Modelling**, vol. 52(Part A), pages 125–143, with M. Bielecki, K. Goraus and J. Hagemeyer
- Reforming retirement age in DB and DC pension systems in an aging OLG economy with heterogenous agents*, **IZA Journal of Labor Policy**, vol 5 (8), with M. Bielecki and K. Makarski
- 2015 *Language and the estimates of the gender wage gap*, **Economics Letters**, vol. 136, pages 165–170, with L. van der Velde and J. Siwinska
- “Piracy is not theft!” Is it just students who think so?*, **Journal of Behavioral and Experimental Economics**, vol.54, pages 32–29, with M. Krawczyk, A. Kukla-Gryz and W. Hardy
- Small assumptions (can) have a large bearing: evaluating pension system reforms with OLG models*, **Economic Modelling**, vol.48, pages 210–221, with M. Bielecki, K. Goraus, J. Hagemeyer and K. Makarski
- Unprivatizing the pension system: the case of Poland*, **Applied Economics**, vol.47 (8), pages 833–852, with J. Hagemeyer and K. Makarski
- We all do it, but are we willing to admit? Incentivizing digital pirates’ confessions*, **Applied Economics Letters**, vol.22 (3), pages 184–188, with A. Kukla-Gryz, M. Krawczyk and K. Siwiński
- 2014 *Age-productivity patterns in talent occupations for men and women: a decomposition*, **Post-Communist Economies**, vol.26 (3), pages 401–414, with B. Liberda and M. Smyk
- 2013 *(In) Efficiency of matching: the case of a post-transition economy*, **Economic Change and Restructuring**, vol.46 (2), pages 255–275, with T. Jeruzalski
- 2012 *Is the effect really so large? Firm-level evidence on the role of FDI in a transition economy*, **Economics of Transition**, vol.20 (2), pages 195–233, with J. Hagemeyer
- Crises and joint employment-productivity dynamics: a comparative perspective for European countries*, **Comparative Economic Studies**, vol.54 (2), pages 361–394, with E. Marelli, M. Signorelli
- 2011 *Breeding one’s own sub-prime crisis: the labour market effects on financial system stability*, **Economic Systems**, vol.35 (2), pages 278–299, with T. Daras
- What distinguishes entrepreneurs? Evidence on the motives for self-employment*, **Economics Letters**, vol.112 (3), pages 226–229
- Not All That Glitters. The Effects of Privatization Through FDI*, **Eastern European Economics**, vol.49 (3), pages 89–111, with J. Hagemeyer
- Nonlinear stochastic convergence analysis of regional unemployment rates in Poland*, **Review of Economic Analysis**, vol.3 (1), pages 59–79, with P. Wojcik
- Employed unemployed? On shadow employment in transition*, **Empirica**, vol.38 (2), pages 259–281, with S. Cichocki
- 2010 *Intra-provincial inequalities and economic growth in China*, **Economic Systems**, vol.34 (3), pages 237–258, with J. Gravier-Rymaszewska and J. Kochanowicz
- Saving less when there is more foreign lending? Foreign debt and savings in developing countries*, **Journal of Economic Policy Reform**, vol.13 (3), pages 213–223, with L. Emeka
- Active labor market policies and unemployment convergence in transition*, **Review of Economic Analysis**, vol.2 (1), pages 46–72, with P. Wojcik

- Shadow employment in post-transition: Is informal employment a matter of choice or no choice in Poland?*, **Journal of Socio-Economics**, vol.39 (4), pages 527–535, with S. Cichocki
- Some Stylized Facts on Unemployment Dynamics in Transition*, **Eastern European Economics**, vol.48 (1), pages 5–22, with P. Wojcik
- 2009 *Exogenous coalition formation in the e-marketplace based on geographical proximity*, **Electronic Commerce Research and Applications**, vol.8 (4), pages 203–223, with T. Michalak, P. McBurney and M. Wooldridge
- 2007 *Blame no one? Investment decisions of the Polish stock-listed companies*, **Brussels Economic Review**, vol.50 (4), pages 391–410

Books and chapters in books

- 2017 *Upstreamness of employment and global financial crisis in Poland: the role of position in GVCs*, in: *Economics of European Crisis and Emerging Markets: International Comparison and Country Studies*, P. Havlik, I. Iwasaki (eds.), Palgrave Macmillan, with J. Hagemeyer
- Retirement age and pension expenditure*, in: *Population ageing, labour market and public finance in Poland*, P. Lewandowski, J. Rutkowski (eds.), European Commission, with M. Malec
- 2016 *Does Diaspora Matter? Chinese Migrants in Poland*, in: *Chinese migration and economic relations with Europe*, M. Sanfilippo and A. Weiner (eds.), Routledge, with: M. Szulecka and P. Kaczmarczyk
- 2013 *Public policy at the times of economic crisis*, in: *Employment in Poland 2012*, P. Lewandowski and I. Magda (eds.), Institute for Structural Research, with A. Kamińska
- 2011 *Histereza bezrobocia w Polsce [Unemployment Hysteresis in Poland]*
- 2011 *Social Economy and CSR in Poland*, in: *Social Responsibility, Entrepreneurship and the Common Good*, C. Bonanni, F. Lépineux and J. Roloff (eds.), Palgrave Macmillan, with A. Sienicka
- 2010 *Unemployment Convergence in Transition*, in: *Growth and Structural Features of Transition*, E. Marelli and M. Signorelli (eds.), Palgrave Macmillan, with P. Wojcik
- Regional Unemployment Convergence In Poland. A Convergence Approach*, in: *A New Regional Geography of Europe?*, F.E. Caroleo and F. Pastore (eds.), Physica Verlag, with P. Wojcik
- Quality of Indicators – An Evaluation of 16 Regional Development Programmes*, with N. Gacki and K. Kanafa
- 2008 *Measuring the Immeasurable – Social Impact Evaluation*, with B. Juraszek-Kopacz
- Activisation, Partnership, Participation – On Responsible Social Policy*, with M. Grewinski
- Contemporaneous Migration from Poland*, with P. Kaczmarczyk
- 2006 *Unemployment: What To Do?*, with M. Boni, I. Gosk, K. Wygnanski
- 2005 *Bank And Credit? Impact Of Market Structure On Investment Credit Policies Of Polish Banks*, in: *Institutions: The Framework or the Frames for Polish Macroeconomic Policies*, J. Siwinska (ed.)

Work in progress

- R&R *Internet piracy and book sales: a field experiment*, with M. Krawczyk and W. Hardy, **The Economic Journal**
- Labor reallocation and demographics* with L. van der Velde, **Journal of Comparative Economics**
- Inequality in an OLG economy with heterogeneity within cohorts and obligatory pension system*, with M. Bielecki and K. Makarski and M. Waniek, **Journal of Economic Inequality**
- Does social security reform reduce gains from increasing the retirement age?*, with K. Goraus and K. Makarski, **Journal of Policy Modeling**
- A cautionary note on the reliability of the online survey data – the case of Wage Indicator project* with M. Smyk and L. van der Velde, **Sociological Methods and Research**
- Political (in)stability of social security reform*, with K. Makarski, **European Journal of Political Economy**
- Identifying Age Penalty in Women's Wages*, with L. van der Velde and I. van Staveren, **Feminist Economics**
- Structural change and misallocation. Firm-level evidence from Poland*, with J. Hagemeyer, **Economics of Transition**
- Measuring the causal effect of privatization on firm performance*, with J. Hagemeyer and J. Svejnar, **Eastern European Economics**
- Submitted *Welfare effects of fiscal policy in reforming the pension system*, with K. Makarski and O. Komada
- Evaluating welfare and economic effects of raised fertility*, with K. Makarski and M. Malec
- Estimating gender wage gap in the presence of efficiency wages*, with K. Bech
- How to estimate gender wage gap to make a country look equal?*, with K. Goraus and L. van der Velde
- Getting the ingredients right: optimal tax policy with labor market duality*, with G. Mbara and R. Kokoszczyński
- When the opportunity knocks: large structural shocks and gender wage gaps*, with L. van der Velde
- Wage inequality and structural change*, with M. Smyk
- Pushed into necessity? Gender gaps in the labor market and entrepreneurship*, with M. Smyk
- Talent workers as entrepreneurs: a new approach to aspirational self-employment*, with B. Liberda and M. Smyk
- How (Not) Make Women Work? Evidence from Transition Countries*, with K. Goraus and L. van der Velde
- "Thou shalt not leech" Are digital pirates conditional cooperators?*, with M. Krawczyk, and W. Hardy
- Friends or foes? A meta-analysis of the link between "online piracy" and sales of cultural goods*, with M. Krawczyk, and W. Hardy
- Why is online piracy ethically different from theft? A vignette experiment*, with M. Krawczyk and W. Hardy
- All on board? New evidence on board gender diversity from a large panel of firms*, with z J. Mazurek
- In progress *Are Rushed Privatizations Substandard? Analyzing Firm-level Privatization under Fiscal Pressure*, with J. Hagemeyer and J. Svejnar
- Winners and losers among skilled migrants – the case of post-accession Polish migrants to the UK*, with P. Kaczmarczyk and M. Smyk
- Identifying the effects of CIT on firm profitability and survival*, with K. Staehr and J. Hagemeyer
- In the search for the optimal path to establish a funded pension system*, with M. Bielecki and K. Makarski and M. Waniek
- Digital piracy and the perception of price fairness*, with A. Kukla-Gryz and M. Krawczyk
- Crowding (out) the retirees? RDD application to raising effective retirement age in Poland*, with P. Strzelecki
- Ethnic competition or complementarity: Which drives returns to self-employment?*, with J. Nestorowicz

Other articles [written in Polish or published in non-English journals]

- 2017 *Luki płacowe w kraju pochodzenia i w kraju docelowym na przykładzie kobiet imigrujących na amerykański rynek pracy [Gender wage gaps in sending and receiving country, the case of women migrating to the USA]*, **Bank i Kredyt**, vol. 52(3), with L. van der Velde i A. Gwóźdź
On the Relation Between Health and Income: A Cross-Country Analysis, **Central European Economic Journal**, vol. 52(2), with K. Kobylński
Zmienne pominięte a luka płacowa kobiet – wnioski z analizy uwzględniającej wydajność [Omitted variable bias and estimating gender wage gap – conclusions from data with direct productivity measures], **Gospodarka Narodowa**, vol. 67(2), with A. Chojecka
- 2016 *Próba empirycznej weryfikacji hipotezy płac efektywnościowych w Polsce [An attempt to verify empirically the efficiency wage hypothesis in Poland]*, **Ekonomista**, vol. 112(2), pages 200–2015, with W. Hardy
- 2015 *Inferring the adequacy of wage expectations with the use of LFS data*, **Gospodarka Narodowa**, vol. 65(6), pages 51–69, with P. Strzelecki
Wrażliwość zatrudnienia na PKB w Polsce [Sensitivity of employment to GDP variability in Poland], **Gospodarka Narodowa**, vol. 4, pages 1–22, with S. Cichocki and M. Gradzewicz
- 2014 *Gender wage gap in Poland – can it be explained by differences in observable characteristics?*, **Ekonomia**, vol. 36 (1), pages 125–148, with K. Goras
Rola usług rynkowych w procesach rozwojowych gospodarki Polski [The service sector and the growth prospects of the Polish economy], **Gospodarka Narodowa**, vol. 2, pages 163–193, with: J. Growiec, M. Gradzewicz, J. Hagemeyer, Z. Jankiewicz, P. Popowski, K. Puchalska and P. Strzelecki
Pośrednie determinanty wzrostu w kontekście nierówności dochodowych – wspierać edukację czy przeciwdziałać przestępczości? [Indirect determinants of growth in the context of income inequality: is it better to reduce crime or to support education?], **Ekonomia**, vol. 35 (1), pages 83–110 with M. Smyk
- 2011 *Self-employment in post-transition*, **Ekonomista**, vol. 3, pages 371–392 with J. Nestorowicz
Analiza powiązań pomiędzy cyklem koniunkturalnym a zatrudnieniem nierejestrowanym w Polsce [Linking informal employment and business cycle in Poland], **Gospodarka Narodowa**, vol. 3, pages 1–27, with S. Cichocki
- 2010 *Źródła zatrudnienia nierejestrowanego w Polsce [Sources of informal employment in Poland]*, **Bank i Kredyt**, vol. 41 (1), pages 81–98, with S. Cichocki
What happened to the middle class in the new market economies? The case of Croatia and Poland, **Croatian Economic Survey**, vol. 12 (1), pages 9–44, with I. Tomic
- 2009 *Some remarks on the effects of Active Labor Market Policies in post-transition*, **Journal of Applied Economic Sciences**, vol.2 (8), with P. Wojcik
- 2008 *Impact of banking sector institutional design on investment credit availability – the case of Poland*, **Banks and Banking Systems**, vol. 4 (2)
- 2007 *Regional dynamics of unemployment in Poland*, **Gospodarka Narodowa**, vol. 10 (1), pages 1–20, with P. Wojcik
Optimality and synchronicity: where do we stand?, **Gospodarka Narodowa**, vol. 7–8 (1), pages 45–60

Research projects

- 2017-2021 **Wealth inequality, family and demographic transition – an OLG analysis**, *National Science Center*, role: investigator.
- 2016 **Shadow economy and the labor market**, *EY*, role: principal investigator.
- 2016-2019 **Modelling retirement decisions under incomplete rationality**, *National Science Center*, role: principal investigator.
- 2015 **A system which does not work: nutrition support at schools**, *FAME/GRAPE*, role: principal investigator.
- 2015 **Gender wage inequality: measurement and policy implications**, *Ministry of Labor*, role: principal investigator.
- 2015-2018 **Welfare and fiscal effects of changes in fertility and morbidity**, *National Science Center*, role: investigator, led by P. Strzelecki.
- 2015-2018 **Political fragility of pension system reforms**, *National Science Center*, role: investigator, led by K. Makarski.
- 2015-2018 **Misallocation in the periods of large structural change**, *National Science Center*, role: investigator, led by J. Hagemeyer.
- 2015-2017 **The role of taxes in firm survival and performance**, *National Science Center*, role: investigator, led by R. Kokoszczyński.
- 2014 **The effects of raising the working hours flexibility in Poland**, *Ministry of Economy*, role: principal investigator.
- 2013-2016 **Labor market flows in transition economies**, *National Science Center*, role: investigator, led by S. Cichocki.
- 2013-2016 **InnoGend – Innovative Entrepreneurship Recognizing Gender Differences**, *Norway Funds*, role: investigator, led by B. Liberda.
- 2013-2016 **Efficiency wages and gender wage gaps**, *National Science Center*, role: principal investigator.
- 2013 **Why job brokering does not work in Poland**, *Polish Confederation Lewiatan*, role: principal investigator.
- 2012-2013 **Gender Discrimination Over Transition**, *Global Development Network*, *Regional Competition Grant*, role: principal investigator.
- 2011-2014 **Macroeconomic effects of pension system reforms**, *National Science Center*, role: principal investigator.
- 2011-2014 **IPRs and the Internet: an economic analysis**, *National Science Center*, role: investigator, led by M. Krawczyk.

Teaching

- 2006–present **Faculty of Economics, University of Warsaw**, In Polish.
- Institutional Economics [undergraduate and graduate]
 - Labor Economics [undergraduate and graduate]
 - Development Economics [undergraduate and graduate]
 - Industrial Organization [graduate]
- 2006–present **Faculty of Economics, University of Warsaw**, In English.
- Institutional Economics [graduate]
 - Econometrics [graduate]
 - Development Economics, Growth Theory and Convergence [graduate]
- 2006–present **Faculty of Economics, University of Warsaw**, Supervisor, 48 MA theses and 29 BA theses.
- Fall 2015 **Universitaet Wuerzburg, Faculty of Economics**, Economics of EU Enlargement, [summer school].
- Fall 2012 **Universita Cattolica di Sacro Cuore da Milano, Facolta di Economia**, Economics of Transition, [undergraduate].
- Fall 2010 **Seconda Universita degli studi di Napoli, Facolta di Giurisprudenza**, Pro-active Labour Market Policies, [summer school].
- Fall 2009 **Maastricht Universiteit, Faculty of Economics**, Institutional Economics, [PhD program].
- Fall 2008 **Warsaw University of Technology, Business School**, Microeconomics, [MBA program].
- Fall 2007 **Universite de Poitiers, Faculte des Sciences Politiques and Economiques**, Regional and Industrial Policy in EU, [summer school].

Conferences

- 2017 ASSA Annual Meeting (USA), Eastern Economic Association (USA), ESPC (Hungary), SOLE (USA), World Congress of Comparative Economics (Russia), International Economic Association (Mexico), Society for Economic Dynamics (UK), European Economics Association (Portugal), International Institute of Public Finance (Japan), EALE (Switzerland)
- 2016 ASSA Annual Meeting (USA), Netspar International Workshop (Netherlands), RES (UK), European Society Public Choice (Germany), ISCEF (France), MoPaCT Workshop (Finland), EALE (Belgium), MAER-Net (USA), Inequality and Policy Reform (Germany)
- 2015 ASSA Annual Meeting (USA), Eastern Economic Association (USA), ESDE 2014 (Belgium), Scottish Economic Society (UK), IEA (Ireland), IZA/RIETI Workshop on Aging (Japan), International Pension Workshop (France), ICMAIF 2015 (Grece), 2015 Congress of the Swiss Society of Economics and Statistics (Switzerland), IZA/WorldBank 2015 (Germany), Achievements and Challenges for the Emerging Economies of Central Europe (UK), EALE/SOLE 2015 (Canada), MAER-Net 2015 (Czech Republic), Netspar Workshop (Netherlands), OECD WP1 (France), IBS Dual Labor Markets Conference (Poland), NIESR Aging Conference (UK)
- 2014 ASSA Annual Meeting (USA), Netspar International Workshop (Netherlands), Royal Economic Society (UK), ISCEF 2014 (France), ICMAIF 2014 (Grece), 17th World Congress of the International Economics Association (Jordan)
- 2013 ASSA Annual Meeting (USA), Labor Markets and Demographic Change (VID, Austria)
- 2012 ASSA Annual Meeting (USA), European Economic Association (Spain), Stata User Group Meeting (UK)
- 2011 ASSA Annual Meeting (USA), MET-EACES Workshop (Wielka Brytania), Eastern Economic Association Annual Meeting (USA), Midwest Economic Association Annual Meeting (USA), AIESSEC Workshop on Growth (Italy), 16th World Congress of the International Economics Association (China), XXVI AIEL Conference (Italy)
- 2010 XXV AIEL Conference (Italy), EACES Bi-Annual Conference (Estonia), AIESSEC Workshop on Inequalities (Italy), 3rd International Workshop of GLUNLAB Network (Italy)
- 2009 Global Inequality Network (Princeton, USA), 20 years after the fall of the Wall (Germany), XXIV AIEL Annual Conference (Italy), XVIIth AISSEC Scientific Conference (Italy), 6th Annual Swiss National Bank – National Bank of Poland Joint Seminar (Switzerland), Annual Meeting NOEG (Austria), 2nd Workshop of the Regional Studies Research Network, GLUNLAB (Italy)
- 2008 MET-EACES Workshop (UK), NAKE Research Day 2008 (Netherlands), 1st Workshop of the Regional Studies Research Network GLUNLAB (Greece), Third Core Conference: The potential of CSR to drive integration in an enlarged EU (UK), 15th World Congress of the International Economic Association (Turkey)
- 2007 Annual Conference – European Association of Labour Economists (Norway), 24th Symposium on Banking, Finance and Money (France) IZA/World Bank Employment and Development Conference (Germany), IV Nordic Econometric Meeting (Estonia), Employment and Labour Market Movements (Latvia), XXIII AIEL Annual Conference (Italy)
- 2004-2006 Risk, Regulation and Competition: Banking in Transition Economies (Belgium), 4th Workshop on Pension systems, Ageing and Pension funds (France), 2nd ECONference: "Issues in Development Economics: Environment, Culture and Society" (India), Comparative Economic Analysis of Households' Behaviour (Poland), Institutions: The Framework or the Frames of Polish Macroeconomic Policy (Poland), 14th World Congress of IEA (Morroco), CEBR/CESifo Conference on "Pension Reform" (Denmark), ZEW Summer Workshop – International Monetary Integration (Germany), ESNIE 2005 Summer Workshop (France), 3rd August Cournot Doctoral Days (France), 14th Journee d'Etudes Du Gratice (France), Public Private Partnership – Theoretical Issues and Empirical Aspects (France), Economic Aspects of EU Enlargement (Germany), Intellectual Property, Innovation and Competition (Italy), 3rd International Conference: Social Security and Complementary Pensions Systems - Pension Funds Risks (Portugal), Risk Management of Derivative Securities and Portfolio Optimisation (Italy)