

Magdalena M. Muszyńska-Spielauer  
Magdalena.Muszynska@oeaw.ac.at

### Research Work Experience

- Research Scientist at the Vienna Institute of Demography  
**Austrian Academy of Sciences**, Austria Sep 2020 – present
- Assistant Professor at the Institute of Statistics and Demography  
**Warsaw School of Economics**, Poland 2011 – 2016
- Research Scholar at at **Max Planck Institute for Demographic  
Research**, Rostock, Germany 2011 – 2015
- Visiting Scholar at the **Population Europe**  
Berlin, Germany Nov 2015
- Research Scientist at the Duke University Population  
Research Institute, Social Science Research Institute  
**Duke University**, Durham NC, USA 2009 – 2010
- Research Scientist at the Population, Policy, and Aging Research  
Center, Terry Sanford Institute of Public Policy and  
Duke University Population Research Institute, **Duke University**,  
Durham NC, USA 2006 – 2009
- Guest Researcher at **Max Planck Institute for Demographic  
Research**, Rostock, Germany Jul 2007, Sep 2008
- Research Assistant at the Institute of Statistics and Demography  
**Warsaw School of Economics**, Poland 2000 – 2009
- Post-doctoral fellow at the **Max Planck Institute for  
Demographic Research**, Rostock, Germany 2006
- Member of the Scientific Committee of Collegium of Economic Analysis  
**Warsaw School of Economics** 2003 – 2006
- Ph.D.-Student at the **Max Planck Institute for Demographic  
Research**, Rostock, Germany 2003 – 2006
- Editorial assistant at **Studia Demograficzne** (Polish Demographic  
Journal) 2002 – 2003
- Student assistant at the Institute of Statistics and Demography  
**Warsaw School of Economics**, Poland 1999 – 2000
- Internship at Insurance Company **Gerling Polska**,  
Warsaw, Poland 1998

### Educational Career

- **Ph.D. in Economics**, Warsaw School of Economics, Poland 2006  
Dissertation Title: *Cultural and Structural Determinants of Fertility*
- **Master's Degree** in Economics, Warsaw School of Economics, Poland 2000  
Thesis Title: *Forecasting the Number and Composition of Households  
in Poland, 2005-2050*

- **Bachelor of Arts**, the Strzeminski Academy of Fine Arts, Lodz, Poland 2015
- Participant at the *Matrix Population Models* training IMPRSD, Rostock, Germany 2011
- **Post-doctoral fellow** at the Max Planck Institute for Demographic Research, Rostock, Germany 2006
- **Ph.D.-Student** in Demography, EDSD and IMPRSD Max Planck Institute for Demographic Research 2003 – 2006
- **Ph.D.-Student** in Social Sciences, Graduate School for Social Research, Polish Institute of Science, Warsaw, Poland 2000 – 2001
- **Graduate and Undergraduate Student** in Economics, Warsaw School of Economics, Poland 1995 – 2000  
Specialization in Quantitative Methods and Information Systems

### Teaching Experience

- Supervision of 5 Phd Students at the **European Doctoral School of Demography**, Warsaw, Poland 2013 – 2015
- Thesis course at the **European Doctoral School of Demography**, Warsaw, Poland 2013 – 2015
- Undergraduate and PhD courses in Demography at the **Warsaw School of Economics**, Poland 1999 – 2003  
2011 – 2016
- Undergraduate Statistics and Statistics in R at the **Warsaw School of Economics**, Poland 1999 – 2003  
2011 – 2016
- Population Processes at the **Stockholm University** 2008
- Undergraduate Statistics at the **University of Economics and International Finances**, Warsaw, Poland 2001 – 2003
- **Digital Fabrication in Fashion** at the MAK, Technical Museum and Vienna Design Week 2018 – present

### Research Grants

- *The health consequences of 1989+*, 2014-2015, international cooperation between Warsaw School of Economics, Max Planck Institute for Demographic Research and Hungarian Demographic Research institute, founded by the Max Planck Institute for Demographic Research, grant leader: J.W.Vaupel, role: Polish team leader;
- *Measurement of similarities in age-at-death distributions*, 2012-2014, founded by the Polish National Science Centre, role: grant leader;
- *The effect of early exposure to water-borne diseases on old-age mortality*, 2012-2014, founded by the Polish National Science Centre, role: grant leader;
- *Territorial variation of mortality in Poland*, 2011-2014, founded by the Polish National Science Centre, role: grant leader;
- *Mortality surface analysis*, 2006-2010, founded by the National Institute of Health, United States, project leader: J.W.Vaupel, role: reserach scientist;
- *Exceptional human longevity in international context*, 2009-2010, founded by the National Institute of Health, United States, project leader: J.W.Vaupel, role: reserach scientist;

## Publications

- RAU, R., BOHK-EWALD, CH., MUSZYŃSKA, M.M., VAUPEL, J.W., 2018, Visualizing Mortality Dynamics in the Lexis Diagram, Monograph, Springer.
- TRIAS LLIMOS, S., MUSZYŃSKA, M. M., CAMARA, A. D., JANSSEN, F., 2017, Smoking cessation among European older adults: the contributions of marital and employment transitions by gender. *European Journal of Ageing*, 14:2, 189-198.
- MUSZYŃSKA, M. M., JANSSEN, F., 2016, Variation in the life span between European countries. *Genus*, 72:6. <https://doi.org/10.1186/s41118-016-0011-1>.
- MUSZYŃSKA, M. M., SULKOWSKA, U., ZATOŃSKI, W. A., 2015, Regional variation in mortality from Ischaemic Heart Disease in Poland, 2006-2010. *The Polish Heart Journal*, 73(3), 207-215.
- ZATOŃSKI, W.A., SULKOWSKA, U., ZATOŃSKI, M.Z., HERBE´C, A.A., MUSZYŃSKA, M. M., 2015, Alcohol taxation and premature mortality in Europe. *The Lancet*, 385(9974), 1181.
- FIEHEL, A., MUSZYŃSKA, M.M., 2015, The regional variation in tobacco smoking-attributable mortality in Poland, 2006-2010. *Przegląd Epidemiologiczny*, 69, 87-92.
- MUSZYŃSKA, M. M., FIEHEL, A., JANSSEN, F., 2014, Role of smoking in regional variation in mortality in Poland. *Addiction*, 109(11), 1931-1941.
- FIEHEL, A., MUSZYŃSKA, M., WRÓBLEWSKA, W., 2014, Mortality from ill-defined causes of death and its stable spatial variation in Poland [in Polish]. *Studia Demograficzne*, 1 (165), 83-102.
- WANG, H., LIDDELL, C. A., COATES, M. M., MOONEY, M. D., LEVITZ, C. E., SCHUMACHER, A. E.,..., MUSZYŃSKA, M.,..., BUI, L. N., 2014, Global, regional, and national levels of neonatal, infant, and under-5 mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *The Lancet*, 384(9947), 957-979.
- MUSZYŃSKA, M. AND RAU, R., 2014, Did Men Benefit More from Medical Progress in Recent Decades? Cause-of-Death Contributions to the Decreasing Sex-Gap in Life Expectancy in the United States, *ISiD Working Papers*, no.42.
- RAU, R. AND MUSZYŃSKA, M., AND EILERS, P. H., 2013, Minor gradient in mortality by education at the highest ages: An application of the Extinct-Cohort method, *Demographic Research*, 29(19), 507-520.
- MUSZYŃSKA, M. AND RAU, R. AND VAUPEL, J.W, 2013, Europe, the Oldest-Old Continent. In: Neyer, G., Andersson, G., Kulu, H., Bernardi L., Buhler Ch. (Eds.) *The Demography of Europe*, Springer, 119-137.
- MUSZYŃSKA, M. AND RAU, R., 2012, Old-Age Healthy Dependency Ratio in Europe, *Population Ageing*, 5(3), 151-162.
- MUSZYŃSKA, M., 2012, Variability of Age at Death [in Polish], *Roczniki Kolegium Analiz Ekonomicznych*, 28.
- MUSZYŃSKA, M., 2011, Female-Male gap in life-expectancy in Poland, *Studia Demograficzne*, 1(159), 23-36.
- MUSZYŃSKA, M. AND RAU, R., 2009, Falling Short of Best-Results Mortality: An Estimate of US Lives Lost in the 20th Century, *Population and Development Review*, 35, 585-603
- MUSZYŃSKA, M., 2008, Woman's employment and union disruption in a changing socioeconomic context: the case of Russia, *Demographic Research*, 18, 181-204
- MUSZYŃSKA, M. AND KULU, H., 2007, Migration and union dissolution in a changing socio-economic context: the case of Russia, *Demographic Research*, 17, 803-820
- MUSZYŃSKA, M., 2006, *Cultural and Structural Determinants of Fertility in Europe*, Warsaw School of Economics Publishing, Warsaw
- MUSZYŃSKA, M. AND KULU, H., 2006, Migration and union dissolution in a changing socio-economic context: the case of Russia, *MPIDR Working Paper 2006-032*; Max Planck Institute for Demographic Research
- MUSZYŃSKA, M., 2006, Woman's employment and union disruption in a changing socioeconomic context: the case of Russia, *MPIDR Working Paper 2006-027*; Max Planck Institute for Demographic Research

- MUSZYŃSKA, M., 2004, Employment after childbearing: a comparative study of Italy and Norway, MPIDR Working Paper 2004-030; Max Planck Institute for Demographic Research
- MUSZYŃSKA, M., 2004, Family Models in Europe in the Context of the Status of Woman, Working Papers on Population, Family and Welfare, No. 6, Hungarian Central Statistical Office, Demographic Research Institute, Budapest
- MUSZYŃSKA, M., 2004, Gauss, Mathematica, Matlab, Mathcad [in Polish], in: Irena Kasperowicz-Ruka (ed.): Materials for Studying Statistics, Warsaw School of Economics, Warsaw, pp. 313–344
- MUSZYŃSKA, M., 2003, European Models of Family Formation and Gender [in Polish], *Studia Demograficzne*, 2/144, pp. 55–77
- MUSZYŃSKA, M., 2003, Gender roles in Poland, report prepared from the PPA-2 survey [in Polish], in: I.E.Kotowska (ed.): Report from the PPA-2 survey
- WRÓBLEWSKA, W. AND MUSZYŃSKA, M., 2002, Analysis of the data from a pilot study of the implementation of the card "OBSQUID", Working Papers of the Demographic Analysis Department, No. 6, Polish Academy of Sciences, pp. 75–87;

### Selected Presentations

- MUSZYŃSKA M., SZULC A., JANSSEN F., 2014, An index of inequality in age-at-death distributions across a group of countries based on the concept of the Equivalent Length of Life, presented at the EAPS, Budapest, Hungary
- MUSZYŃSKA M. AND SANDERS S., 2014, The effect of early-life exposure to water-borne diseases on old-age mortality in the United States, presented at the PAA Annual Meeting, Boston MA, USA
- MUSZYŃSKA M. AND RAU R., 2013, The effect of early-life exposure to water-borne diseases on old-age mortality in the United States, presented at the IUSSP Population Conference, Busan, Korea
- MUSZYŃSKA M., 2012, Mortality divergence across industrialized countries, EAPS Population Conference, Stockholm, Sweden
- MUSZYŃSKA M., ABRAMOWSKA-KMON A., WRÓBLEWSKA W., 2011, Regional differences in mortality in Poland, presented at the International Workshop on "Health, Morbidity and Mortality: the State of the Art", Vienna Institute of Demography, Vienna, Austria
- MUSZYŃSKA M., YI Y., RAU R., 2010, Old-Age Healthy Dependency Ratio in Europe, presented at the PAA Annual Meeting, Dallas TX , USA
- MUSZYŃSKA M., RAU R., 2009, Cause-of-Death Contribution to the Female-Male Gap in Mortality in the United States, presented at the IUSSP Population Conference, Marrakech, Morocco
- MUSZYŃSKA M., RAU R., 2009, Cause-of-Death Contribution to the Female-Male Gap in Life Expectancy in the United States, presented at the PAA Annual Meeting, Detroit , USA
- GAMPE J., EILERS P.H.C., MUSZYŃSKA, M., 2008, A Meta-Analytic Framework for Best-Practice Mortality Surface Estimation, presented at the EPC, Barcelona, Spain
- MUSZYŃSKA M., 2008, Mortality by Nativity in the United States, presented at Workshop: "Early-life vs. later-life effects on late-life mortality", organized by the MPIDR, Taormina, Italy
- MUSZYŃSKA M., RAU R., 2008, How Many Americans Could Be Alive?, presented at the PAA Annual Meeting, New Orleans , USA
- MUSZYŃSKA, M., 2007, Best Practice Mortality Surfaces and Examples of Their Applications, presented at: **Duke University Population Research Institute Colloquium**, Durham, USA
- MUSZYŃSKA, M., 2006, Women's Economic Independence and Risk of Union Dissolution in Russia, presented at the EPC, Liverpool, United Kingdom
- MUSZYŃSKA, M., 2006, Migration and Union Dissolution in Russia, presented at: **Interdependencies in the life course: family dynamics, childbearing, and spatial mobility**, MPIDR, Rostock, Germany
- MUSZYŃSKA, M., 2005, Fertility and Gender, presented at: **European Low-Wage Employment Research Network**, Workshop on Employment and Gender: Jobs, Occupations, Education and Pay, Warsaw School of Economics, Warsaw, Poland

- MUSZYŃSKA, M., 2005, Gender and Fertility in Europe, presented at: **Research Training Network Workshop**, Vienna, Austria
- MUSZYŃSKA, M., 2005, Impact of Cultural and Structural Factors on Labour Force Participation of Mothers in Italy and Norway, presented at the IUSSP, Tours, France
- MUSZYŃSKA, M., 2003, Gender, Structural Conflict and Family Formation in Europe, presented at the EPC, Warsaw, Poland
- MUSZYŃSKA, M., KOTOWSKA I.E., 2003, Demographic Change in Poland from the Perspective of the Second Demographic Transition: Are There any Differences in Underlying Processes, presented at: **The Second Demographic Transition in Europe**, EuroConference on Implications of Family and Fertility Change for Individuals, Families and Society, Spa, Belgium

#### Other Professional

- Acted as REVIEWER for: Demography, European Journal of Population, European Sociological Review, Demographic Research, Geografiska Annaler B: Human Geography, UNESCO Encyclopedia of Life Support Systems, Population, Space and Place
- LANGUAGES: Polish (mother tongue), English (fluent), German (advanced), Spanish (advanced), Russian (advanced)
- COMPUTER SKILLS: Computing Environments: Windows, Linux; Editors: GNU Emacs, WinEdt; Typesetters: L<sup>A</sup>T<sub>E</sub>X; Statistical Software: SAS, R, SPSS, Stata, aML;
- GRAPHICAL SOFTWARE: Photoshop, Coreldraw, Illustrator, InDesign;
- CAD SOFTWARE: Clo3D, Marvelous Designer, Autocad, Grafis;

#### Art and Design Career Highlights

- BA in fashion and textile design at the **Strzeminski Academy of Fine Arts** 2015  
Lodz, Poland
- fashion designer, own fashion label **MaMaMu** 2016 – present  
[www.mamamu.at](http://www.mamamu.at)
- workshops on **Digital Fabrication in Fashion** 2018 – present  
at the MAK, Technical Museum and Vienna Design Week
- Art and Design Exhibitions at the **Vienna Design Week**, 2018 – 2019  
**Take Festival, Das Chegini Gallery, Gallery Lisa Kandlhoffer, Angewandte Innovation Lab**

#### Community Service

- Volunteer at the **Duke University Hospital**, Durham, NC 2007 – 2008
- Volunteer at **Klon-Jawor**, Warsaw, Poland 2002
- Volunteer at the center for mentally disabled children in 1998 – 1999  
Konstancin, Poland; Fundraising coordinator May 1999
- Volunteer and projects' coordinator at **Service Civil International** 1998 – 2003
- Volunteer in various NGOs, Vadodara, India, **AIESEC** exchange 2000