

Curriculum vitae

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Education and Academic Positions:

- March 1999 – present: Research scientist at the Vienna Institute of Demography of the Austrian Academy of Sciences.
- Aug. 2005: Stanford Workshop in Formal Demography, Stanford, CA.
- April 15th, 2004 – June 2004: EU-Research Training Network Fellowship at the Institut National d'Études Démographiques, Paris.
- Nov. 2000 – Dec. 2000: International Max Planck Research School for Demography, Rostock, Germany.
- Oct. 1999 – June 2002: Doctoral studies of Technical Sciences (Technical Mathematics) at the Vienna University of Technology. Completion: June 20th, 2002 with distinction (Dr. techn.)
- Nov. 1997 – Feb. 1999: Research stipend of the Austrian National Science Foundation (Project P11711-SOZ) at the Institute of Econometrics, Operations Research and Systems Theory of the Vienna University of Technology
- Feb. 1997 – Oct. 1997: Contract for work and services at the Institute of Econometrics, Operations Research and Systems Theory of the Vienna University of Technology
- Oct. 1993 – Oct. 1999: Study of Technical Mathematics at the Vienna University of Technology, Specialisation: Application to Economics. Completion: October 11th, 1999 with distinction (Dipl.-Ing.)

Project Participation:

- 2013 – 2016: FamiliesAndSocieties, Changing families and sustainable societies: Policy contexts and diversity over the life course and across generations (EU, Grant no. 320116)
- 2008 – 2012: Age structured populations with fixed size (Austrian National Science Foundation, Project number P20408-G14)

2005:	Various studies on policy implications of demographic changes in national and community policies: Lot6: Impact of population ageing on innovation and productivity growth in Europe (EU, Tender VC/2004/0454)
2004 – 2005:	Geburtenbarometer (Ministry for Social Security, Generations and Consumerism, GZ: BMSG-442030/0006-V/7/2004)
1997 – 2000:	Optimal Short-Run and Long-Run Fiscal Policies towards European Monetary Union: Maastricht and beyond (Austrian National Science Foundation, Project number P12745-OEK)
1997 – 1999:	Dynamic Law Enforcement (Austrian National Science Foundation, Project number P11711-SOZ)

Teaching:

Advanced Methods in Demography, Part 1 + 2 (University of Vienna, 2008 – 2016)
 Population Economics (University of Bamberg, summer term 2007)

Other:

Managing Editor of Vienna Yearbook of Population Research (since February 2017)
 Prize of the Austrian Society of Operations Research 2000 (Diploma thesis)
 Erwin Schrödinger Fellowship (declined)

Referee for:

Demography
 Population Studies
 European Journal of Population
 Population
 Demographic Research
 Population and Environment
 Vienna Yearbook of Population Research

Publications:

Dworak, M. (1999) A dynamic model of drug enforcement and property crime. Masters thesis, Institute of Econometrics, Operations Research and Systems Theory of the Vienna University of Technology.

Dworak, M. (2002) Population Growth, Food Security and Land Degradation: Modeling the Nexus in Sub-Saharan Africa. Dissertation. Institute of Econometrics, Operations Research and Systems Theory of the Vienna University of Technology.

Refereed Journal Articles:

Caulkins, J. P., Dworak, M., Feichtinger, G., and Tragler, G. (2000) Price-raising drug enforcement and property crime: a dynamic model. *Journal of Economics* 71(3).

Lutz, W., Scherbov, S., Prskawetz, A., Dworak, M. and Feichtinger, G. (2002) Population, natural resources and food security: Lessons from comparing full and reduced form models. In *Population and Environment: Methods of Analysis*, pages 199-224. Population Council. Supplement to Population and Development Review, Volume 28, 2002.

Dworak, M., Wirl, F., Prskawetz, A., and Feichtinger, G. (2002) Optimal long-run budgetary policies subject to the Maastricht criteria. *Macroeconomic Dynamics* 6(5).

Prskawetz, A., Winkler-Dworak, M., and Feichtinger, G. (2003) Production, distribution, and insecurity of food: A dynamic framework. *Structural Change and Economic Dynamics* 14(3), 317-337.

Stöllberger, C., Winkler-Dworak, M., Blazek, G. and Finsterer, J. (2004) Left ventricular hypertrabeculation/noncompaction with and without neuromuscular disorders. *International Journal of Cardiology* 97, 89-92.

Winkler-Dworak, M. (2004) Food security, fertility differentials, and land degradation in sub-Saharan Africa: A dynamic framework. *Vienna Yearbook of Population Research* 2004, 227-252.

Winkler-Dworak, M. and Engelhardt, H. (2004) On the Tempo and Quantum of First Marriages in Austria, Germany, and Switzerland: Changes in Mean Age and Variance. *Demographic Research* 10(9), 231-264.

Stöllberger, C., Winkler-Dworak, M., Finsterer, J., Hartl, E. and Chnupa, P. (2005) Factors influencing mortality in atrial fibrillation. Post-hoc analysis of an observational study in outpatients. *International Journal of Cardiology* 103, 140-144.

Sobotka, T., Winkler-Dworak, M., Testa, M.R., Lutz, W., Philipov, D., Engelhardt, H., Gisser, R. (2005) Monthly Estimates of the Quantum of Fertility: Towards a fertility monitoring system in Austria. *Vienna Yearbook of Population Research* 2005, 109-142.

- Stöllberger, C., Winkler-Dworak, M., Blazek, G. and Finsterer, J. (2006) Age-dependency of cardiac and neuromuscular findings in left ventricular noncompaction. *International Journal of Cardiology* 111, 131-135.
- Stöllberger, C., Winkler-Dworak, M., Blazek, G. and Finsterer, J. (2007) Cardiologic and neuromuscular co-morbidity influences mortality of patients with left ventricular hypertrabeculation/noncompaction: Comparison with the Austrian general population. *Acta Cardiologica* 62, 1–5.
- Stöllberger, C., Winkler-Dworak, M., Blazek, G. and Finsterer, J. (2007) Cardiologic and neurologic findings in left ventricular hypertrabeculation/noncompaction relating to echocardiographic indication. *International Journal of Cardiology* 119, 28–32.
- Stöllberger, C., Winkler-Dworak, M., Blazek, G. and Finsterer, J. (2007) Association of electrocardiographic abnormalities with cardiac findings and neuromuscular disorders in left ventricular hypertrabeculation/non-compaction. *Cardiology* 107, 374–379.
- Stöllberger, C., Winkler-Dworak, M., Blazek, G. and Finsterer, J. (2007) Prognosis of left ventricular hypertrabeculation/noncompaction is dependent on cardiac and neuromuscular comorbidity. *International Journal of Cardiology* 121, 189–193.
- Winkler-Dworak, M. and Toulemon, L. (2007) Gender Differences in the Transition to Adulthood: Is There Convergence over the Recent Periods? *European Journal of Population* 23(3-4), 273–314.
- Feichtinger, G., Winkler-Dworak, M., Freund, I., und Prskawetz, A. (2007) Zur Altersdynamik gelehrter Gesellschaften—dargestellt am Beispiel der ÖAW. *Anzeiger der philosophisch-historischen Klasse der Österreichischen Akademie der Wissenschaften* 141 Jg./ 2.HB.
- Stöllberger, C., Krugluger, W., Winkler-Dworak, M., and Finsterer, J. (2007) ABO system and D(Rh₀) antigen frequencies in left ventricular hypertrabeculation/noncompaction in relation to cardiac and neuromuscular findings. *International Journal of Cardiology* 130(1): 84-6.
- Feichtinger, G., Winkler-Dworak, M., Freund, I., Prskawetz, A., Riosmena, F. (2007) On the Age Dynamics of Learned Societies—Taking the Example of the Austrian Academy of Sciences. *Vienna Yearbook of Population Research* 2008, 107-131.
- Finsterer, J., Stöllberger, C., Mölzer, G., Winkler-Dworak, M., Blazek, G. (2008) Cerebrovascular events in left ventricular hypertrabeculation/noncompaction with and without myopathy. *International Journal of Cardiology* 130(3):344-348.
- Stöllberger, C., Schneider, B., Winkler-Dworak, M., and Finsterer J. (2008) Prevention of embolic stroke by catheter ablation of atrial fibrillation. *European Journal of Neurology* 15(12): 1419–1420.

- Stöllberger, C., Blazek, G., Winkler-Dworak, M., and Finsterer, J. (2008) Sex Differences without consequences in noncompaction with and without neuromuscular disorders. *Revista Espanola de Cardiologia* 61(2):130-136.
- Winkler-Dworak, M. (2008) The Low Mortality of a Learned Society. *European Journal of Population* 24:405-424.
- Stöllberger, C., Blazek, G., Winkler-Dworak, M., and Finsterer, J. (2009) Cardiac and neuromuscular implications of left bundle branch block in left ventricular hypertrabeculation/noncompaction. *Canadian Journal of Cardiology* 25(3): e82-5.
- Stöllberger, C., Blazek, G., Winkler-Dworak, M., and Finsterer, J. (2009) Atrial fibrillation in left ventricular noncompaction with and without neuromuscular disorders is associated with a poor prognosis. *International Journal of Cardiology* 133(1):41-45.
- Stöllberger, C., Blazek, G., Winkler-Dworak, M., and Finsterer, J. (2010) In- and Outpatienten with noncompaction: Differences in cardiac and neuromuscular co-morbidity. *International Journal of Cardiology* 140(1):108-111.
- Stöllberger, C., Finsterer, J., Blazek, G., Hanafin, A. and Winkler-Dworak, M., (2011) Coronary angiography in noncompaction with and without neuromuscular disorders. *Irish Journal of Medical Science* 180(3):667-672.
- Stöllberger, C., Blazek, G., Wegner, C., Winkler-Dworak, M., and Finsterer, J. (2011) Neuromuscular and cardiac comorbidity determines survival in 140 patients with left ventricular hypertrabeculation/noncompaction. *International Journal of Cardiology* 150: 71–74.
- Thomson, E., Winkler-Dworak, M., Spielauer, M., Prskawetz, A. (2012) Union Instability as an Engine of Fertility? A Micro-simulation Model for France. *Demography* 49 (1): 175-195.
- Riosmena, F., Winkler-Dworak, M., Prskawetz, A., Feichtinger, G. (2012) The impact of policies influencing the demography of age-structured populations: lessons from academies of sciences. *Genus* 68 (2): 29-52.
- Kaden, H., Winkler-Dworak, M., Fischer, E. (2013) Eine demographische Studie zur Sächsischen Akademie der Wissenschaften zu Leipzig. *Denkströme. Journal der Sächsischen Akademie der Wissenschaften* 10: 113-129.
- Winkler-Dworak, M., Kaden, H. (2014) The Longevity of Academicians: Evidence from the Saxonian Academy of Sciences and Humanities in Leipzig. *Vienna Yearbook of Population Research* 2013, Vol. 11:185-204.

Refereed Book Chapters:

Thomson, E., Winkler-Dworak, M., and Kennedy, S. (2012). "Education and the Family Life Course." Pages 35-52 in Evans, A. and Baxter, J. (eds.), *Negotiating the Life Course. Life Course Research and Social Policies 1*, Dordrecht: Springer.

Working Papers:

Dworak, M. and Giokas, G. (1997) Optimal budget-policy and the Maastricht criteria. Forschungsbericht 211. Institute of Econometrics, Operations Research and Systems Theory of the Vienna University of Technology.

Dworak, Maria, Feichtinger, G., Tragler, G., and Caulkins, J.P. (1998) On the effect of drug enforcement on property crime. Forschungsbericht 215, Institute of Econometrics, Operations Research and Systems Theory of the Vienna University of Technology.

Dworak, M., Wirl, F., Prskawetz, A., and Feichtinger, G. (1999) Optimal long-run budgetary policies subject to the Maastricht criteria. Forschungsbericht 208, Institut für Ökonometrie, Operations Research und Systemtheorie, Technische Universität Wien.

Prskawetz, A., Winkler-Dworak, M., and Feichtinger, G. (2000) Production, distribution, and insecurity of food: A dynamic framework. Forschungsbericht 20. Institute for Demography, Austrian Academy of Sciences.

Lutz, W., Scherbov, S., Prskawetz, A., Dworak, M. and Feichtinger, G. (2000) Population, natural resources and food security: Lessons from comparing full and reduced form models. Interim Report IR-00-038. International Institute for Applied System Analysis.

Dworak, M., Prskawetz, A. and Feichtinger, G. (2002) From Vicious Circles to Cycles of Poverty. Forschungsbericht 23. Vienna Institute of Demography, Austrian Academy of Sciences.

Winkler-Dworak, M. (2003) Food security, fertility differentials, and land degradation in sub-Saharan Africa: A dynamic framework. VID Working Papers 01/2003. Institut für Demographie, Österreichische Akademie der Wissenschaften.

Winkler-Dworak, M. and Engelhardt, H. (2003) On the Tempo and Quantum of First Marriages in Austria, Germany, and Switzerland: Changes in Mean Age and Variance. European Demographic Research Papers 04/2003. Vienna Institute of Demography, Austrian Academy of Sciences.

Sobotka, T., Winkler-Dworak, M., Testa, M.R., Lutz, W., Philipov, D., Engelhardt, H., Gisser, R. (2005) Monthly Estimates of the Quantum of Fertility: Towards a fertility monitoring system in Austria. VID Working Papers 01/2005. Vienna Institute of Demography, Austrian Academy of Sciences.

Winkler-Dworak, M. (2006) The Low Mortality of a Learned Society. VID Working Papers 05/2006. Vienna Institute of Demography, Austrian Academy of Sciences.

- Prskawetz, A., Mahlberg, B., Skirbekk, V., Freund, I., Winkler-Dworak, M., Lindh, T., Malmberg, B., Jans, A.-Ch., Skans Nordström, O. and Andersson, F. (2006) The Impact of Population Ageing on Innovation and Productivity Growth in Europe. Research Report 28. Vienna Institute of Demography, Austrian Academy of Sciences.
- Winkler-Dworak, M. and Toulemon, L. (2007) Gender Differences in the Transition to Adulthood: Is There Convergence over the Recent Periods? VID Working Papers 01/2007. Vienna Institute of Demography, Austrian Academy of Sciences.
- Feichtinger, G., Winkler-Dworak, M., Freund, I., and Prskawetz, A. (2007) On the Age Dynamics of Learned Societies—Taking the Example of the Austrian Academy of Sciences. VID Working Papers 02/2007. Vienna Institute of Demography, Austrian Academy of Sciences.
- Thomson, E., Winkler-Dworak, M., Spielauer, M., Prskawetz, A. (2009) Union Instability as an Engine of Fertility? A Micro-simulation Model for France. VID Working Paper 02/2009. Vienna Institute of Demography, Austrian Academy of Sciences. [Published also as Stockholm Research Report in Demography 2009:1, Stockholm University, Dept. Sociology, Demography Unit]
- Thomson, E., Winkler-Dworak, M., Kennedy, S. (2009) Education and the Family Life Course. Stockholm Research Reports in Demography 2009:3, Stockholm University, Dept. Sociology, Demography Unit.
- Zeman, K., Sobotka, T., Gisser, R., Winkler-Dworak, M., Lutz, W. (2010) Geburtenbarometer Vienna: An overview report.
http://www.oeaw.ac.at/vid/download/Geburtenbarometer_Vienna_Report_EN.pdf
- Riosmena, F., Winkler-Dworak, M., Prskawetz, A., and Feichtinger, G. (2011) The Impact of Policies Influencing the Demography of Age Structured Populations: Lessons from Academies of Sciences. VID Working Paper 04/2011. Vienna Institute of Demography, Austrian Academy of Sciences.
- Zeman, K., Sobotka, T., Gisser, R., Winkler-Dworak, M., Lutz, W. (2011) Geburtenbarometer Vienna: Analysing Fertility Convergence between Vienna and Austria. VID Working Paper 07/2011. Vienna Institute of Demography, Austrian Academy of Sciences.
- Winkler-Dworak, M., Kaden, H. (2013) The Longevity of Academicians: Evidence from the Saxonian Academy of Sciences and Humanities in Leipzig. VID Working Paper 03/2013. Vienna Institute of Demography, Austrian Academy of Sciences.
- Di Giulio, P., Fent, T., Philipov, D., Vobecká, J. and Winkler-Dworak, M. (2013) State of the Art: A Family-Related Foresight Approach. VID Working Paper 08/2013. Vienna Institute of Demography, Austrian Academy of Sciences.

Riederer, B.; Mynarska, M.; Winkler-Dworak, M.; Fent, T.; Philipov, D. (2017) Futures of families in times of multifaceted societal changes: a foresight approach. FamiliesAndSocieties Working Paper Series 66.

Reports:

Zeman, K., Sobotka, T., Gisser, R. und Winkler-Dworak, M. (2007-2015) Geburtenbarometer. Vienna Institute of Demography, Austrian Academy of Sciences, <http://www.oeaw.ac.at/vid/barometer/>, (annual issues, 2006-2015).

Zeman, K., Sobotka, T., Gisser, R. und Winkler-Dworak, M. (2007-2015) Quarterly Report on Geburtenbarometer Q1-Q2. Vienna Institute of Demography, Austrian Academy of Sciences, <http://www.oeaw.ac.at/vid/barometer/>.

Winkler-Dworak, M. (2013) Partnerschaft in Österreich. Page 14 in: Buber-Ennser, I., Neuwirth, N. and Testa, M.R. (eds.) Familienentwicklung in Österreich 2009–2013: Partnerschaft, Kinderwunsch, Kinderbetreuung und ökonomische Situation. Vienna Institute of Demography, Austrian Academy of Sciences and Österreichisches Institut für Familienforschung an der Universität Wien, Wien.

Winkler-Dworak, M. (2014) Partnership forms in Austria. Page 9 in: Buber-Ennser, I., Neuwirth, N. and Testa, M.R. (eds.) Families in Austria 2009–2013: Descriptive findings on partnerships, fertility intentions, childbearing and childrearing. Vienna Institute of Demography, Austrian Academy of Sciences and Austrian Institute for Family Studies at the University of Vienna, Vienna.

Winkler-Dworak, M.; Fent, T.; Rengs, B.; Beaujouan, E.; Di Giulio, P.; Spielauer, M. (2015). Changing partnership and fertility: Report on the results of the micro-simulation and agent-based approach about the future of family forms. EU-FP7 research project FamiliesAndSocieties, deliverable D10.3.

Riederer, B.; Philipov, D.; Rengs, B.; Winkler-Dworak, M.; Fent, T. et al. [...] (2016) Experts' opinions on the future vulnerability of families with children: Results of an online questionnaire study. EU-FP7 research project FamiliesAndSocieties, deliverable D10.5.

Riederer, B.; Mynarska, M.; Winkler-Dworak, M.; Fent, T.; Philipov, D. (2016) Final report: Outline of future trends of family change. EU-FP7 research project FamiliesAndSocieties, deliverable D10.6

Press:

Sobotka, T. und M. Winkler-Dworak (2006) Trend zu späterer Mutterschaft hält an:
„Geburtenbarometer“ analysiert monatliche Fruchtbarkeitsentwicklung in Österreich.
Demografische Forschung Aus Erster Hand 3 (3), 3.

Winkler-Dworak, M. (2008) Unerreichbares Privileg oder Vorbild für alle? Die
Lebenserwartung österreichischer Akademiemitglieder liegt deutlich über dem Schnitt.
Demografische Forschung Aus Erster Hand 5 (3), 3.

Winkler-Dworak, M. (2012) Ein halbes Kind weniger. Moderne Familien: Trennungen und
Partnerwechsel lassen die Geburtenrate sinken. *Demografische Forschung Aus Erster
Hand* 9 (4), 1–2.