

# Curriculum vitae

## **Maria Winkler-Dworak**

Vienna Institute of Demography (Austrian Academy of Sciences)  
Wittgenstein Centre for Demography and Global Human Capital

Wohllebengasse 12–14/6th floor  
1040 Vienna, Austria

Phone: +43 1 51581 7709

Fax: +43 1 51581 7730

Email: maria.winkler-dworak@oeaw.ac.at

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## **Personal Data:**

Nationality: Austria

Date of Birth: October 27<sup>th</sup>, 1975

Family Status: Married, one daughter

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## **Education:**

- Okt. 1993 – Okt. 1999: Study of Technical Mathematics at the Vienna University of Technology, Specialisation: Application to Economics.  
Completion: October 11<sup>th</sup>, 1999 with distinction (Dipl.-Ing.)
- Okt. 1999 – June 2002: Doctoral studies of Technical Sciences (Technical Mathematics) at the Vienna University of Technology.  
Completion: June 20<sup>th</sup>, 2002 with distinction (Dr. techn.)
- Nov. 2000 – Dez. 2000: International Max Planck Research School for Demography, Rostock, Germany.
- Aug. 2005: Stanford Workshop in Formal Demography, Stanford, CA.
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## **Professional Career:**

- Feb. 1997 – Okt. 1997: Contract for work and services at the Institute of Econometrics, Operations Research and Systems Theory of the Vienna University of Technology
- 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
- Since March 1999: Research scientist at the Vienna Institute of Demography of the Austrian Academy of Sciences.
- April 15<sup>th</sup>, 2004 – June 2004: EU-Research Training Network Fellowship at the Institut National d'Études Démographiques, Paris.
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## **Project Participation:**

1997 – 1999:	Dynamic Law Enforcement (Austrian National Science Foundation, Project number P11711-SOZ)
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)
2004 – 2005:	Geburtenbarometer (Ministry for Social Security, Generations and Consumerism, GZ: BMSG-442030/0006-V/7/2004)
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)
2008 -	Age Structured Populations with Fixed Size (Austrian Science Fund Project No. P20408-G14).

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## **Teaching:**

Population Economics (University of Bamberg, summer term 2007)  
Advanced Methods in Demography, Part 2 (University of Vienna, summer term 2008 and 2010)  
Advanced Methods in Demography, Part 1 (University of Vienna, winter term 2009/10)

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## **Prizes:**

Prize of the Austrian Society of Operations Research 2000 (Diploma thesis)  
Erwin Schrödinger Fellowship (declined due to pregnancy)

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## **Memberships:**

European Society of Population Economics  
Population Association of America  
European Association of Population Studies  
International Union for the Scientific Study of Population

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## **Referee for:**

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

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## **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(Rh<sub>0</sub>) 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* 2007, 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):344-8.
- 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):130-6.
- 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):41-5.
- 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):108-11.
- 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):667-72.
- 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. (forthcoming) Union Instability as an Engine of Fertility? A Micro-simulation Model for France. *Demography*.

#### Refereed Book Chapters:

- Thomson, E., Winkler-Dworak, M., and Kennedy, S. (forthcoming). "Education and the Family Life Course." In Evans, A. and Baxter, J. (eds.), *Negotiating the Life Course*. 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 Paper 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 Paper 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](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.

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.