

# ALEXIA FÜRNKRANZ-PRSKAWETZ

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and

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Austrian Academy of Sciences  
Dr. Ignaz Seipel-Platz 2  
1010 Vienna, Austria

## PERSONAL DATA

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Family status: married, one daughter  
Nationality: Austrian  
Date of birth: 26.11.1966  
Place of birth: Vienna, Austria

## EDUCATION AND PROFESSIONAL CAREER

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SINCE	Deputy Director, <i>Vienna Institute of Demography, Austrian Academy of Sciences</i>
NOV.2023	<i>ences</i>
JAN.-OCT.2023	Interim Executive Director, <i>Vienna Institute of Demography, Austrian Academy of Sciences</i>
2020-2022	Deputy Director, <i>Vienna Institute of Demography, Austrian Academy of Sciences</i>
2016-2019	Executive Director, <i>Vienna Institute of Demography, Austrian Academy of Sciences</i>
2016-2018	Deputy Head of the Institute of Statistics and Mathematical Methods in Economics, <i>TU Wien</i>
2015-2016	Head of the Institute of Statistics and Mathematical Methods in Economics, <i>TU Wien</i>
SINCE 07/2013	Research Associate, <i>International Institute for Applied Systems Analysis, Laxenburg</i>
01/2012-2014	Head of the Institute of Mathematical Methods in Economics, <i>TU Wien</i>

SINCE 01/2011	one of the directors of <i>Wittgenstein Centre for Demography and Global Human Capital</i>
SINCE 02/2008	Professor of Mathematical Economics, <i>Institute of Statistics and Mathematical Methods in Economics, Research Unit: Economics, TU Wien</i>
2003-2015	Deputy director and Head of Research Group on Population Economics, <i>Vienna Institute of Demography, Austrian Academy of Sciences</i>
1998-2003	Head of Research Group on Population, Economy and Environment (C3), <i>Max Planck Institute for Demographic Research, Rostock</i>
1998	Habilitation, Venia in Population Economics and Applied Econometrics
1997-1998	Max Kade Postdoctorate Scholar, <i>Department of Demography, University of California, Berkeley</i>
1992-1998	Research Assistant, <i>Institute for Demography, Austrian Academy of Sciences and Institute for Econometrics, Operations Research and Systems Theory, TU Wien</i>
1991-1992	PhD studies in Technical Mathematics, <i>TU Wien</i> Completion: December, 18th 1992 (Dr. techn.)
1990-1991	Fulbright Scholar (Postgraduate Study in Economics), <i>University of Chicago</i>
1989-1990	SAP Programing, <i>Elin Austria</i>
1989	PhD studies in Technical Mathematics, <i>TU Wien</i>
1984-1989	Studies of Technical Mathematics applied to Economics, <i>TU Wien</i> Completion: June, 6th 1989 (Dipl.-Ing.)
1985-1988	Summer Jobs: Austrian train company (ÖBB), Siemens Austria, Management Data
1976-1984	Bundesrealgymnasium Wien XXII Completion: June, 9th 1984

## AWARDS & SCHOLARSHIPS

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- Fulbright scholarship (1990-1991, University of Chicago)
- Max Kade scholarship (1997-1998, University of California, Berkeley)
- Figdor Prize for Law, Social and Economic Sciences, Austrian Academy of Sciences, October 2003
- Corresponding Member of the Austrian Academy of Sciences , 2007
- Best paper award 2008 of the Faculty of Mathematics and Geoinformation, TU Wien, paper: *"Population aging and future carbon emissions in the United States"*, published in *Energy Economics*, Elsevier, 30(2008), 642-675.
- Full Member of the Austrian Academy of Sciences, 2011
- Member of Leopoldina, Nationale Akademie der Wissenschaften, 2015
- Member of Academia Europaea, 2022

## MEMBERSHIPS

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American Economic Association, Nationalökonomische Gesellschaft, Deutsche Gesellschaft für Bevölkerungswissenschaft, European Society of Population Economics, European Association for Population Studies, International Union for the Scientific Study of Population (IUSSP), Population Association of America, Verein für Socialpolitik (Bevölkerungsökonomischer Ausschuß)

President, Austrian Economic Association (NOeG), 2023-2024

Vice president, Austrian Economic Association (NOeG), 2021-2022

Member of board of trustees of "Fonds der Stadt Wien für die Österreichische Akademie der Wissenschaften", since 2021

Expert Committee "Österreichischer Produktivitätsrat", 2023-2028

Member of Scientific Advisory Board of Austrian Socio-Economic Panel, since 2022

Member of "Kommission für die Verleihung der Preise der philosophisch-historischen Klasse", ÖAW, Vienna, 2023-2027

Founder member of European Doctoral School of Demographic Research, MPI Rostock

Member of KIÖS "Commission for interdisciplinary ecological studies", ÖAW, Vienna, 2013-2024

Member of KMI "Kommission für Migrations- und Integrationsforschung", ÖAW, Vienna, 2012-2024, from 2016-2017 deputy of chairman

Fellow World Demographic Association, since 2007

Member of Steering Committee "Rostocker Ring", Max Planck Institute for Demographic Research, Rostock, Germany

Member of the Board of Governors of the Population Europe Information Centre, Berlin, Germany

Deputy senator of Austrian members (Adjunktenkreis Österreichs), Leopoldina. Nationale Akademie der Wissenschaften, since 2016

Member of the Scientific Advisory Board of the „Population and Policy Database“, since 2013

Member of the Beirat of ECO Austria, since 2014

Member of the Beirat of Gesellschaft für Zukunftssicherung und Altersvorsorge – Denkwerstatt St. Lambrecht, since 2015

Member of Forschungsbeirat RWI Essen, 2015-2019, 2020-2023

Member of Fakultätsrat (Fakultät für Mathematik und Geoinformation) TU Wien, 2016-2023.

Member (Ersatzmitglied) of Studienkommission Technische Mathematik

Scientific advisory board – ÖPIA (Österreichische Plattform für interdisziplinäre Altersfragen)

## PAST MEMBERSHIPS

Member of the "Wissenschaftliche Kommission: Demografischer Wandel", Leopoldina. Nationale Akademie der Wissenschaften, 2013-2023

Expert Committee "Wie geht's Österreich", Statistics Austria, since 2020-2022

Member of “Kommission für die Vergabe der Auszeichnung der besten Publikation”, ÖAW, Vienna, 2018-2022

Member of the “Kommission für die Verleihung des Dissertationspreis für Migrationsforschung”, ÖAW, Vienna until 2022

Member of the board of the Austrian Economic Association (NOeG), 2018-2019

Member of the FWF Kuratorium (deputy reporter in economics), 2008-2011, 2011-2014, 2014-2017

Member of the IUSSP Panel on Microsimulation and Agent-based Modeling in Demography, 2015-2018

Member of the IUSSP Panel on Impacts of Population Ageing, 2010-2013

Member of the Scientific Committee of the Research Center “Carlo F. Dondena” Centre for Research on Social Dynamics, Bocconi Universita, Italy, 2007-2009, 2011-2013

Member (deputy of chairman) of „Beratungskommission für Internationale Wirtschafts- und Finanzpolitik“, ÖAW, Vienna, 2012-2015

Member of the „ad hoc Kommission der Hannes Androsch Stiftung“, ÖAW, Vienna

Member of the „ad hoc Kommission Qualitätskriterien für wissenschaftliche Publikationen im Bereich der Geistes-, Sozial- und Kulturwissenschaften“, ÖAW, Vienna, 2011- 2013

Member of the “Strategie- und Planungskommission der ÖAW“

Member of the „Akademierat“, ÖAW, Vienna, April 2011

Elected to represent corresponding members in the official meetings of the Austrian Academy of Sciences

Member of Senat, TU Wien, 2010-2013

Member (Ersatzmitglied) of „Arbeitskreis für Gleichbehandlungsfragen“, TU Wien, 2010

Member of Habilitationskommission (Behrens, Schuster, Düring, Templ, Prettnner, Schneider, Kühn, Deutsch, Wrzaczek, Nannen, Seidl, Gasteiger)

Member of Berufungskommission („Geometrische Analysis“-TU Wien, „Discrete and Computational Geometry“ – TU Wien, „W3 Professur Demographie“ – Universität Rostock, “Applied Statistics” – TU Wien, “Macroeconomics and Digitalization”- WU Wien, “Operations Research”- TU Wien )

## REFeree FOR

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Journal of Demographic Economics (acting as associate editor)

Journal of the Economics of Ageing (acting as associate editor)

Population and Environment (member of advisory board)

Vienna Yearbook of Population Research (acting as associate editor)

Journal of Population Economics, Development Economics, German Economic Review, Metroeconomica, Journal of Economic Growth, Mathematical Population Studies, Population Studies, Ecological Economics, Environmental and Resource Economics, European Review of Economic History, European Journal of Population

## PROJECT PARTICIPATION

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- 2021-2023 Generational satellite accounts (ÖNB)
- 2002-2005 Households, consumption, and energy use: The role of demographic change in future U.S. greenhouse gas emissions (Environmental Protection Agency, USA)
- 1997-1998 Frontier issues in migration research (FWF)
- 1994-1996 Nonlinear Population Economics (FWF)
- 1993-1994 Economic impact of immigration in receiving countries (Austrian Academy of Sciences)
- 1992-1993 Escape from the Malthusian Trap (Austrian Academy of Sciences)

## PROJECT AQUISITION

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- 2023-2027 Sustainable Welfare: Rethinking the roles of Family, Market and State (EU Horizon-CL2-2022) <https://cordis.europa.eu/project/id/101095175>
- 2023-2026 Towards a Resilient Future of Europe (EU Horizon-CL2-2022) <https://cordis.europa.eu/project/id/101094741>
- 2018-2020 Social Security Reforms in Heterogeneous Ageing Populations (ÖNB) <http://socialsecuritysystems.econ.tuwien.ac.at/>
- 2017-2020 Age-Specific Wellbeing and Transfer Accounts: Evaluating Intergenerational Support – AgeWellAccounts (Joint Programming Initiative “Welfare, well-being and demographic Change”, acting as project coordinator) <http://agewell.eu/>
- 2014-2018 Faculty member of the Vienna Doctoral Programme on Water Resource Systems, TU Wien
- 2014-2017 Ageing Europe: an application of National Transfer Accounts (NTA) for explaining and projecting trends in public finances (EU, acting as project coordinator) <http://www.agenta-project.eu/>
- 2012-2016 WWWforEurope - Welfare, Wealth and Work for Europe (EU)
- 2011 Wirtschaftskammerpreis 2011 der TU Wien: “Indikatoren für Generationengerechtigkeit und Nachhaltigkeit sozialer Transfersysteme“
- 2010-2013 National Transfer Accounts and Intergenerational Redistribution in European Institutional Settings (FWF)
- 2009-2011 Fertilität und gesellschaftliche Entwicklung (Jacobs Foundation)
- 2009-2011 Long-run economic perspectives of an ageing society (EU 7th Framework Programme)
- 2008-2011 Productivity, wages and training in ageing societies (FWF)
- 2009-2011 Agglomeration Processes in Ageing Societies (WWTF)
- 2006-2007 Optimale altersspezifische Humankapitalinvestition in einer alternden Gesellschaft. Eine Analyse auf Firmenebene (ÖNB Projekt 11621)

- 2006 The relationship between demographic change and economic growth in the EU (EU, Tender VT/2005/035, Various studies on policy implications of demographic changes in national and community policies)
- 2005 Impact of population ageing on innovation and productivity growth in Europe (EU, Tender VT/2004/056, Various studies on policy implications of demographic changes in national and community policies)
- 2004-2006 Poverty dynamics and fertility in developing countries (ESF Programms: European Collaborative Research Projects in the Social Sciences)

## LECTURES & SEMINARS

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### VIENNA UNIVERSITY OF TECHNOLOGY

- SINCE 2008 Introduction to economics, Topics in economic modeling, Advanced topics in macroeconomics, Microeconomics, Dynamic Macroeconomics, Environmental and Population Economics
- 1994-2002 Population economics, Operations Research I & II, Methods of demography, Seminar on population modeling and simulation

### DIPLOMATIC ACADEMY OF VIENNA

- SINCE 2008 Economic consequences of population ageing

### UNIVERSITY OF VIENNA (GUEST PROFESSOR AT ‚SOZIAL- UND WIRTSCHAFTSWISSENSCHAFTLICHE FAKULTÄT‘)

- 1999-2007 Population economics, Selected topics on the economics of population ageing

### UNIVERSITY OF VIENNA (GUEST PROFESSOR AT ‚INSTITUT FÜR GEOGRAPHIE UND REGIONALFORSCHUNG DER UNIVERSITÄT WIEN‘)

- 2004-2008 Advanced Methods of Demography I & II

### MAX PLANCK INSTITUTE FOR DEMOGRAPHIC RESEARCH

- 2000-2004 Macroeconomic approaches to demography, Economic consequences of population ageing

### EUROPEAN DOCTORAL SCHOOL OF DEMOGRAPHY

- 2005-2014 Population modeling, simulation and forecasting

## ORGANISATION OF WORKSHOPS

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- 2019 Demographic Aspects of Human Wellbeing, VID/ÖAW
- 2019 Heterogeneous Dynamic Models of Economic and Population Systems, VID/ÖAW
- 2017 AGENTA Final Conference: Economic Consequences of Population Ageing and Intergenerational Equity, VID/ÖAW
- 2016 Variations on the Themes of Wolfgang Lutz, VID/ÖAW
- 2016 International Workshop on Heterogenous Dynamic Models in Economic and Population Systems, VID/ÖAW, Vienna
- 2015 9th European Workshop on Labour, Health and Education under Demographic Change, VID/ÖAW, Vienna
- 2013 Health, Education and Retirement over the Prolonged Life Cycle, VID/ÖAW, Vienna
- 2013 International Workshop on Heterogenous Dynamic Models of Economic and Population Systems, VID/ÖAW, Vienna
- 2013 8th European workshop on Labour Markets and Demographic Change, VID/ÖAW, Vienna
- 2012 Annual Meeting of the Austrian Economic Association (NOeG 2012) on “The Economics of Ageing”, TU Wien
- 2011 6th European Workshop on Labour Markets and Demographic Change, VID/ÖAW, Vienna
- 2010 Workshop on “Optimal Fertility in Ageing Societies” VID/ÖAW, Vienna
- 2010 “1st LEPAS Workshop on The Mechanics of Ageing”, VID/ÖAW, Vienna
- 2010 WWTF Workshop “Agglomeration Processes in Ageing Societies”, VID/ÖAW and Institute of Mathematical Methods in Economics, TU Wien
- 2009 International Workshop on Heterogeneous Dynamic Models of Economic and Population Systems, VID/ÖAW and Institute of Mathematical Methods in Economics, TU Wien
- 2009 4th European Workshop on Labour Markets and Demographic Change, VID/ÖAW, Vienna
- 2006 Conference on “Causal Analysis in Population Studies: Concepts, Methods, Applications”, VID/ÖAW, Vienna
- 2006 Workshop on “Microsimulations of demographic change and the labour market”, VID/ÖAW, Vienna
- 2005 Workshop on “Population Ageing and Economic Productivity”, VID/ÖAW, Vienna
- 2004 Workshop on “Agent-Based Computational Modelling”, co-organized with Thomas Fent, Francesco C. Billari and Jürgen Scheffran, VID/ÖAW, Vienna
- 2003 Third Workshop on: Population, Economy and the Environment, MPIDR, Rostock, Germany
- 2002 Demographic-Macroeconomic Modeling, MPIDR, Rostock, Germany
- 2001 Second Workshop on: Population, Economy and the Environment: Modelling and Simulating their Complex Interaction, MPIDR, Rostock, Germany
- 2001 Spatial Aspects of Demography (together with G.Feichtinger), MPIDR, Rostock, Germany

- 2001 Agent Based Computational Demography (together with F.Billari), MPIDR, Rostock, Germany
- 2000 Demographic-Macroeconomic Modeling, MPIDR, Rostock, Germany
- 2000 Second Workshop on Nonlinear Demography (together with H.P.Kohler), MPIDR, Rostock, Germany
- 1999 Population, Economy and the Environment: Modelling and Simulating their Complex Interaction, MPIDR, Rostock, Germany
- 1999 Demographic-Macroeconomic Modeling, MPIDR, Rostock, Germany

## PHD, MASTER'S & BACHERLOR'S THESES SUPERVISED

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### PHD THESES SUPERVISED

- Michael Freiberger (2022) Optimal prevention and adaptation under risk in health and environmental economics. TU Wien.
- Sonja Spitzer (2020) Health measures and healthcare utilisation in ageing populations: Demographic and economic perspectives. WU Wien.
- Sefa Zeynep Siretioglu Girgin (2018) An Agent-Based Model of Migration Patterns from Turkey to Germany. TU Wien.
- Linda Anita Kuil (2018) Towards a sustainable water future? Understanding the interaction between humans and their environment in response to water scarcity. TU Wien.
- Johanna Grames (2018) Introducing the Economic Decision Framework into Socio-hydrology. TU Wien.
- Tanja Istenič (2018) The National Transfer Accounts Analysis of Economic Dependency over the Life Cycle. University of Ljubljana. Member of PhD committee.
- Daniel Croner (2017) Structural Economic Change and the Environment. Decoupling Economic Growth from Natural Resource Use. TU wien.
- Ivan Frankovic (2017) The Rise of Health Expenditures. An analysis of the determinants and implications for the economy and welfare. TU Wien.
- Stelter Robert (2016) Advances in understanding incentives to procreate. Université Catholique de Louvain and University Rostock. Member of PhD committee.
- Sauer Petra (2016) Macro-economic Consequences of Education (In)equality. WU Vienna University of Economics and Business. Member of PhD committee.
- Bertrand Achou (2015) Retirement Behaviours, Housing Demand and Housing Markets: a Dynamic Analysis, l'université Paris 1. Member of PhD committee
- Six Magdalena (2015) Essay on Decisions: The impact of information and discounting. University of Vienna. Member of PhD committee.
- Striessnig Erich (2015) Three effects of education on well-being. Happier Lives, Reduced Societal Aging, Reduced Vulnerability. Wirtschaftsuniversität Wien. Member of PhD committee.
- Elke Moser (2014) Erzeugung erneuerbarer Energie aus saisonal fluktuierendem Angebot und Lerneffekte. TU Wien. Co-supervisor.
- Bernhard Hammer (2014) The Economic Life Course: An Examination Using National Transfer Accounts. TU Wien.



- Elke Loichinger (2012) Europe's Future Human Capital: Population projections by age, sex, education, labor force participation. WU Vienna.
- Inga Freund (2010) Ageing and productivity. An empirical assessment of the age-productivity pattern at various economic levels. TU Wien.
- Belinda Aparicio Diaz (2010) Agent Based Models on Social Interaction and Demographic Behaviour. TU Wien.
- Johannes Holler (2009) Pension systems, fertility and growth. University of Vienna.
- Jože Sambt (2009) National Transfer Accounts for Slovenia. Faculty of Economics, University of Ljubljana.
- Franz Schwarz (2006) Socioeconomic inequalities in health and mortality in Austria. University of Vienna.
- Barbara Zagaglia (2005) Low fertility and second births. Behavioural evidences from Austria. Università Politecnica Delle Marche, Dipartimento di Economia.
- Vegard Skirbekk (2005) Improving The Sustainability of the Norwegian Public Pensions System through Education Reform - A Study of The Impact of Timing and Duration of Schooling on Fertility and Human Capital and Variations in Productivity over The Life Cycle. Wirtschafts- und Sozialwissenschaftlichen Fakultät, University Rostock.
- Isabella Buber (2002) Recent Fertility Trends in Austria. TU Wien.
- Maria Dworak (2002) Population Growth, Food Security and Land Degradation: Modeling the Nexus in Sub-Saharan Africa. Institut für Ökonometrie, Operations Research und Systemtheorie, TU Wien.

#### MASTERS'S THESES SUPERVISED

- Stefani Rivić (2023) Costs of gender inequality. An economic analysis TU Wien.
- Patricia Schleifer (2023) Automatisierung und ihre Auswirkungen auf Bildung und Fertilität. TU Wien.
- Hanna Freundl (2021) Pensionssysteme, Kindergeld und demographischer Wandel. TU Wien.
- Viktor Sommer (2021) Analysis of the optimal lockdown during the COVID-19 pandemic based on a SIRD model. TU Wien.
- Karine Navasartian (2021) Simulating the Spread and Containment of COVID-19: An Agent-Based Modelling Approach. TU Wien.
- Alena Chalupka (2019) A Review and Extension of the Health Deficit Model of Optimal Aging. TU Wien.
- Sophie Bachner (2019) Umwelt- und Bevölkerungsdynamiken: Die Tsembaga Gesellschaft und die Osterinsel. TU Wien.
- Thomas Spanningner (2018) The effect of rising longevity on optimal education investment and retirement age. TU Wien.
- Mathias Aigner (2018) Lebenszyklusmodelle der Fertilität. TU Wien.
- Hartmann Ines (2017) Modelle des Pensionsantrittsalters bei demographischen Änderungen. TU Wien.
- Lankisch Clemens (2017) Effects of automation on economic growth and wage development. TU Wien.

- Krobath Raphael (2017) Theoretical approach to the inverse-J-shaped relationship of fertility and economic development. TU Wien.
- Freiberger Michael (2017) Age structured optimal control: An application to optimal human capital investment. TU Wien.
- Hanisch Andreas (2016) Modelling Fertility and Human Capital – A Gender Specific Approach. TU Wien.
- Ratheysen Stefan (2016) Nicht-erneuerbare Ressourcen – Abbau, Produktion, Konsum und Preisentwicklung in Modellen mit endogenem technologischem Wachstum. TU Wien.
- Peter Frlicka (2015) Development of family policies and their relations to fertility development. Master of Advanced International Studies (M.A.I.S), Diplomatische Akademie, Vienna.
- Sledz Markus (2015) Die Modellierung von Schadstoffemissionen in ökonomischen Wachstumsmodellen. TU Wien.
- Siegfried Langer (2014) Soziohydrology: Conceptualising human-food interactions. TU Wien. Co-supervisor.
- Lisa Walter (2014) Sozial verantwortliches Investment. Anwendungen in der Umweltökonomie. TU Wien.
- Marie Kletschka (2014) Endogene Erklärungsansätze der Lebenserwartung und Wirtschaftswachstum. TU Wien.
- Sophie Lehner (2014) Modelle der 'Environmental Kuznets Curve'. TU Wien.
- Christina Umgeher (2013) Ökonomische Auswirkungen von Epidemien. TU Wien.
- Verena Wieser (2013) Soziale Normen und Fertilität. TU Wien.
- Johanna Grames (2013) Models of directed technical change. TU Wien.
- Martin Kerndler (2013) The twin hypothesis of education and retirement. TU Wien.
- Lisa Maria Neuner (2013) Elderly Migration Across Borders, Master of Advanced International Studies (M.A.I.S), Diplomatische Akademie, Vienna.
- Christoph Walter Mistlbauer (2013) Nichterneuerbare Ressourcen in endogenen Wachstumsmodellen. TU Wien.
- Christoph Mrkvicka (2013) Ökonomische Instrumente der globalen Klimapolitik. Die Theorie des grünen Paradoxons. TU Wien.
- Peter Wirthumer (2012) Optimal control models of sustainable economic and population development. TU Wien.
- Patrick Cassidy (2011) Environmental quality and education in an economic growth model with finitely lived agents. TU Wien.
- Barbara Zucker (2011) The optimal trade-off between green R&D, abatement and emission permits in an environmental economic growth model. TU Wien.
- Christian Schmid (2011) Optimale Kontrolle von Emissionen versus Investitionen in grüne Technologien. TU Wien.
- Alexander Eder (2011) Wirtschaftswachstum, Umwelt und Lebenserwartung. TU Wien.
- Barbara Lugschitz (2011) Ökonomische Modelle der globalen Klimaerwärmung. TU Wien.
- Daniel Huppmann (2010) Strategic Investment Decisions in Crude Oil Production Capacity and the Impact on Future Supply Bottlenecks. TU Wien.

- Michael Geppert (2010) Reformen des Pensionssystems und deren Auswirkungen auf das Arbeitsangebot. TU Wien.
- Sara Mösenbacher (2010) Dynamische Interaktion von erneuerbaren Ressourcen und Bevölkerungswachstum. TU Wien.
- Felix Widmayer (2008) Population structure and capital accumulation: the role of rising longevity on savings. TU Wien.
- Judith Karasek (2007) Kinderwunsch der Österreicherinnen. University of Vienna.
- Alexander Zeuner (2007) Demografie und Pensionen: Zur Modellierung der Nachhaltigkeit umlagefinanzierter Pensionssysteme. University of Vienna.
- Gerard Horvath (2007) Modeling Demographics and Life-Cycle Details in Models of Overlapping Generations. University of Vienna.
- Johannes Micheler (2007) Die Auswirkung demographischer Veränderungen auf die Aktienmärkte. University of Vienna.
- Klaus Prettnner (2006) Langfristige Wachstumsmodelle mit endogener Bevölkerungsentwicklung. University of Vienna.
- Magdalena Sebova (2006) On the relation between fertility and female employment over space and time. University of Vienna.
- Inga Freund (2005) Pension systems and endogenous fertility. The importance of family policies to improve welfare. University of Vienna.
- Christian Moll (2005) Intergenerational Transfers unter sich ändernden demographischen und wirtschaftlichen Strukturen. University of Vienna.
- Sibylle Marxgut (2003) Demographic Changes and Rates of Return on Financial Markets: Analysis and Forecast for Selected Developed and Developing Countries. University of Vienna and TU Wien.
- Petra Wächter (2003) Ökonomische Erklärungsansätze zu Fertilität und Frauenerwerbstätigkeit: Ein Vergleich zwischen Österreich und Spanien. University of Vienna.

#### BACHELOR'S THESES SUPERVISED

- Annalena Astner (2023) Die Rolle der Demographie im Klimawandel. TU Wien.
- Johannes Jirek (2023) Die Modellierung endogener Fertilität. Ein Überblick über die historische Entwicklung ökonomischer Fertilitätsmodelle und ein neuer Ansatz mit nutzbringender Kinderbetreuungszeit. TU Wien.
- Stefan Graspentner (2023) Ökonomische Auswirkungen von Verletzungen und Krankheiten am Arbeitsplatz. Literaturrecherche zur Methodik im Bereich der Schätzverfahren. TU Wien.
- Jakob Hochschwarzer (2022) Die Kosten des Klimawandels. TU Wien.
- Isabella Lieselotte Piskernik (2022) Klimawandel und der demografische Übergang in Subsahara-Afrika am Beispiel von Ghana. TU Wien.
- Maria-Louisa Wightman (2022) Unpaid Work in Austria. Value, Distribution and the Impact of the COVID-19 Pandemic. TU Wien.
- Lena Torlutter (2022) Modellierung der COVID-19-Pandemie mithilfe des SIR Modells. TU Wien.
- Adrian Drexel (2021) Diskussion einer CO<sub>2</sub>-Steuer anhand der Arbeiten von Tol (2019) und Nordhaus (2018). TU Wien.

- Sebastian Redl (2020) Redistribution of Pension Systems when Survival and Length of Life vary across Individuals. TU Wien.
- Corina van Dyck (2020) Modeling of infectious diseases with focus on COVID-19. TU Wien.
- Roman Becker (2020) Hyperbolische Diskontierung in umweltökonomischen Modellen. TU Wien.
- Stefani Rivic (2019) Konstruktion einer demographischen und ökonomischen Datenbank für Österreich zwischen 1820 und 2010. TU Wien.
- Tobias Forster (2019) Die optimale Fertilitätsrate Eine ökonomische Analyse. TU Wien.
- Viktor Sommer (2018) Demographic change, educational investment and economic growth. TU Wien.
- Anna Igbeta (2018) A model of endogenous technological and population change in socio-hydrology. TU Wien.
- Therese Fehrer (2018) Migration und Ökonomisches Wachstum. TU Wien.
- Annika Held (2017) The role of social norms for population and economic development. TU Wien.
- Florian Wagner (2016) Health expenditures, endogenous lifetime and economic growth. TU Wien.
- Anna Dugan (2015) Modellierung von Gesundheitskapital. TU Wien.
- Eva-Maria Krančan (2015) Bevölkerungsalterung und Aktienmärkte. TU Wien.
- Michael Freiberger (2014) Intertemporale und intergenerationale Umverteilung. TU Wien.
- Ines Hartmann (2014) Optimales Sparen bei steigender Lebenserwartung. Eine Anwendung der Lebenszyklusmodelle. TU Wien.
- Andreas Hanisch (2014) Auswirkungen von demographischen Veränderungen auf Pensionssysteme. TU Wien.
- Clemens Lankisch (2013) NDC-Pensionssysteme. Ein methodischer Ansatz und die praktische Umsetzung in Schweden und Polen. TU Wien.
- Laura Eichblatt (2013) Effekte der Altersstruktur auf makroökonomische Variablen. TU Wien.
- Alexander Wasserburger (2013) Das Solow Modell und eine Erweiterung zur Erklärung der Umwelt-Kuznets-Kurve. TU Wien.
- Marie Kletschka (2013) Lebenserwartung, Arbeitskräfteangebot und langfristiges Wachstum: die Vereinbarkeit von Theorie und Praxis. TU Wien.
- Bernadette Riesner (2013) Pensionssysteme und Auswirkungen steigender Lebenserwartung. TU Wien. (Bachelor)
- Clemens Leitner (2012) Sugarscape – Growing Artificial Societies. TU Wien.
- Sophie Grünbacher (2012) Nachhaltigkeit der Fiskalpolitik. TU Wien.
- Andreas Steinwender (2012) Integrative Gerechtigkeit in Pensionssystemen. TU Wien.
- Lisa Walter (2012) Der demographische Übergang: Ursachen und Konsequenzen für langfristiges Wirtschaftswachstum. TU Wien.
- Christina Umgeher (2011) Bevölkerungsalterung, Gesundheitsvorsorge und Wirtschaftswachstum. TU Wien.