

# CV - Ivan Frankovic

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Address	Contact	Personal Information
Vienna Institute of Demography Austrian Academy of Sciences Welthandelsplatz 2 / Level 2 1020 Vienna, Austria	Tel: +43-1 313 36 7744 E-Mail: <a href="mailto:ivan.frankovic@oeaw.ac.at">ivan.frankovic@oeaw.ac.at</a> Website: <a href="http://www.medpro-project.eu">www.medpro-project.eu</a>	Born: 28th December 1987 in Sarajevo Nationality: Croatian

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## Academic Work Experience

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- Oct. 2014 - present     **Pre-Doc Researcher, Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU), Vienna Institute of Demography**  
Participant in the MEDPRO-Project: Study of the nexus of population ageing, health expenditure and medical progress
- July 2017     **Research stay, Harvard University, T.H. Chan School of Public Health, Boston, USA**  
Research on differential access to medical innovation and its impact on health inequality across socioeconomic groups
- Sep. 2013 – Jul. 2014     **Data Systems Programmer, The Sphere Institute, Burlingame, USA**  
Developed numerical and statistical programs for US health care policy analysis

## Main Research Areas

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Macroeconomics of Health and Healthcare  
Life Cycle Modelling of Health Behavior  
Climate Change and Health  
Global Energy and Emission Intensity Trends

## Research Papers

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### Published Working Papers:

- Ivan Frankovic, 2017, **The Impact of Climate Change on Health Expenditures**, TU Vienna Working Paper, 02/2017.
- Daniel Croner and Ivan Frankovic, 2016, **A Structural Decomposition Analysis of Global and National Energy Intensity Trends**, TU Vienna Working Paper, 08/2016.
- Ivan Frankovic, Michael Kuhn and Stefan Wrzaczek, 2016, **Medical Care within an OLG economy with realistic demography**, TU Vienna Working Paper, 02/2016.

### In Progress:

- “The Aggregate Impact of Medicare and Medicaid on Health Expenditures” (with M. Kuhn)
- “Differential Access to of Medical Progress and its impact on health inequality” (with M. Kuhn)
- Special Report on Climate Change and Health, financed by the Austrian Panel on Climate Change
- “Congestion in Public Health Care Systems” (with M. Kelly and M. Kuhn)
- “The International Trade of Workplace Risk” (with M. Kuhn)

## Education

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- Oct. 2014 – present     **Doctoral program in Mathematical Economics, Technical University, Vienna**
- Research in the field of health, demography and climate change, Supervisor: Prof. Dr. Alexia Fürnkranz-Prskawetz and Dr. Michael Kuhn
  - Coursework Grade: 1.1 (on scale from 1=best to 5=worst)

- 2012 – 2013    **Master thesis research, University of California, Berkeley, United States**
- Research in the field of tumor growth modeling in collaboration with the Lawrence Berkeley National Laboratory
  - Coursework GPA: 4.0 (on scale from 4.0=best to 0.0=worst)
- 2011 – 2013    **Master of Science, Regensburg University, Germany**
- Major in Mathematics, Minor in Computational Science, Grade 1.0 (on scale from 1=best to 5=worst)
  - Thesis: *Finite Element Methods for Evolving Surfaces in Tumor Modeling*, Supervisor: Prof. Dr. Harald Garcke
- 2007 – 2011    **Bachelor of Science, Regensburg University, Germany**
- Major in Mathematics, Minor in English Philology, Grade 1.1 (on scale from 1=best to 5=worst)
  - Thesis: *Mathematical Modeling of Pattern Formation in Biological Systems with Reaction Diffusion Systems*, Supervisor: Prof. Dr. Harald Garcke

## Conference Presentations

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- July, 2017      **International Health Economics Association Conference**, Boston, USA
- June, 2017      **EAERE Conference**, Athens, Greece
- May, 2017       **NOeG Conference**, Linz, Austria
- February, 2017   **Internationale Energiewirtschaftstagung**, Vienna, Austria
- August, 2016    **European Economic Association Conference**, Geneva, Switzerland
- July, 2016       **European Health Economics Association Conference**, Hamburg, Germany
- March 2016      **RES Symposium of Junior Researches**, Brighton, UK
- February 2016   **RGS Doctoral Conference**, Bochum, Germany

## Summer schools & Workshops

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- Nov 2016        **Austrian Labor profiles**, Statistik Austria, Vienna
- July 2016        **Economics of Health Inequality**, Tinbergen Institute, Rotterdam

## Scholarships & Awards

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- 2017             Delegate to the **Lindau Nobel Meeting 2017**
- 2013             Admitted to the **German Association of Mathematicians (DMV)**
- 2012 – 2013    Graduate Fellowship, **University of California, Berkeley**
- 2012 – 2013    Scholarship, **German Academic Exchange Service**  
German National scholarship granted in a national competition
- 2011 – 2013    Scholarship, **e-Fellows**  
European scholarship for business and academic elite of tomorrow
- 2010 – 2013    Scholarship, **Max-Weber-Program**  
German national scholarship awarded in a statewide competition

## Further activities & Volunteering

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- Since Dec 2015   **Treffpunkt Deutsch**: Teaching German to Refugees in Austria
- Since Mar 2015   **Oikos Vienna**: Contributing to environmental sustainability blog
- Since Feb 2016   **www.Transalpbiker.de**: Own website on mountain bike Alp-crossings

- 2011 - 2012      **President** of the International Students Network Regensburg
- 2011 – 2012      **Working student: Trendscout for Interior Innovation**, Continental AG, Regensburg
- Patent co-owner for a geosocial network for vehicles
- 2006 - 2012      **Tutoring** in Mathematics, Physics and English

## Languages

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- German & Croatian (mother tongue)
- English (fluent),
- Italian (advanced),
- Spanish, French, Swedish (basic)
- Latin proficiency certificate (2008)

## IT

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- Proficient user of MATLAB, Latex, MS Office
- Experience with Stata, SAS and various programing languages