

***CURRICULUM VITAE***  
**Ass. Prof. Dr. Anna-Theresa RENNER**

Centre for Public Finance and Infrastructure Policy  
Faculty of Architecture and Spatial Planning  
Vienna University of Technology

Phone: +43 1 588 01 280 315

Email: [anna-theresa.renner@tuwien.ac.at](mailto:anna-theresa.renner@tuwien.ac.at)

***Main areas of research:*** *Health economics, regional science and social infrastructure*

**Affiliations**

- Sep 2021 – June 2022: Visiting scholar at the Weatherhead Center for International Affairs, Harvard University (Schumpeter Fellowship)
- Since Oct 2020: Post-doc (tenure track) at the Vienna University of Technology, Public Finance and Infrastructure Policy
- Jan 2020 – Sep 2020: Research associate at the Vienna Institute of Demography, Austrian Academy of Science for the project: *Climate change and health vulnerabilities in the Metropolitan area of Vienna*
- Sep 2016 – Aug 2020: Research and teaching associate at Vienna University of Economics and Business (WU), Health Economics and Policy Group
- Apr 2012 – Aug 2016: Project leader and researcher at the Austrian Public Health Institute, Department for Health Economics (Gesundheit Österreich GmbH)
- Sep 2011 – June 2016: Health Economist at the Center for Health and Migration, Vienna

**Academic education**

- Sep 2016 – Apr 2020: Doctoral thesis supervised by Prof. S. Ghislandi, *Bocconi University*, degree (Dr.rer.soc.oec.) awarded by the *Vienna University of Economics and Business*. Thesis: *Waiting time, avoidable hospitalisations and patient mobility: The economics of healthcare access*
- Sep 2010 - Sep 2011: Master of Science in Health Economics, Policy and Law (MSc), *Erasmus University Rotterdam*, Netherlands. Thesis supervised by Prof. H. van Kippersluis: *Socioeconomic Status and Risky Health Behaviours – Explaining the Health Gradient*
- Oct 2005 - Mar 2010: Magister in Economics (Mag.rer.soc.oec.), *University of Vienna*, Austria. Thesis supervised by Prof. W. Weigel: *An Economic Justification of Public Cultural Subsidies*

### Research visits

- Sep 2021 – June 2022: Weatherhead Center for International Affairs, Harvard University  
*Funding: Joseph A. Schumpeter Fellowship*
- Jan 2020, Apr / Sep 2019, and May 2018: Centre for Research on Health and Social Care Management (CERGAS), Bocconi University, Milan, Italy  
*Funding: WU High Potential Contact Weeks*
- Apr – June 2015: Centre for Health Economics (CHE), University of York, UK  
*Funding: Short Term Scientific Mission of the European COST Network*

### Teaching and supervisions

- 2021: Social Infrastructure - Research and Planning (MA of Spatial Planning at TU Vienna)
- 2019/20: Economics of the Healthcare Industry - Public sector (BA of Business, Economics and Social Sciences at WU)
- 2018/19: Applied Socioeconomic Theories and Methods (MA of Socioeconomics at WU)
- 2018: Interdisciplinary Socioeconomic Research Lab: Quantitative Methods for Evaluation of Health and Health Policy (MA of Socioeconomics at WU)
- 2017/18: The Socioeconomics of Health and Education (BA of Business, Economics and Social Sciences at WU)
- 2017 – 2019: Foundations of Health Economics and Health Management (BA of Business, Economics and Social Sciences at WU)
- 2017-2021: Joint supervision of six Bachelor and three Master theses

### Technical skills and languages

- (Micro)econometrics, spatial econometrics and applied geographic analysis
- Health economic evaluation and Decision analytic modelling (basics)
- Software: R, Stata, eViews, ArcGIS (basics), MS Office, Latex
- Languages: German (mother tongue), English (proficient), Italian (intermediate)

### Acquisition of research funds

- 2022: European Joint Programme on Rare Diseases: responsible for working package on health economic evaluation of paediatric stroke
- 2019: Jubilee fund of the City of Vienna for the Austrian Academy of Science: involved in drafting of the research proposal on impacts of heatwaves on hospitalisations in Vienna
- 2014: European Commission framework contracts for the Gesundheit Österreich GmbH: responsible for drafting the research proposal for framework contract and various proposals within the framework contract (e.g. on Big Data in health)

### Conference presentations (selected)

*Provider quality and patient mobility: Is there a network effect in hospital choice?*  
Co-authored by Yuxi Wang, Bocconi University

Presented at: Annual meeting of the Austrian Health Economic Association, 2020; Winter Seminar of the German Speaking Section of the European Regional Science Association, 2020.

*Modelling inter-regional patient flows: Does distance go far enough?*

Co-authored by Florian Unger (University of Goettingen), Michael Irlacher and Dieter Pennerstorfer, (both JKU Linz)

Presented at: Conference of the European Regional Science Association 2021; Annual meeting of the Austrian Economic Association, 2020; Winter Seminar of the German Speaking Section of the European Regional Science Association, 2019; EuHEA PhD-Supervisor Conference, 2018. Conference of the European Health Economics Association 2018

*A spatial panel data analysis of avoidable hospitalisations in Austria.*

Presented at: Annual meeting of the Austrian Economic Association, 2018; Annual Conference of the Italian Health Economics Association, 2017; Summer School of the European Regional Science Association, 2017; International Health Policy Conference, London School of Economics, 2017.

### **Peer-reviewing activities**

2018/20/22: Annual conference of the European Health Economics Association (EuHEA)  
 2019: International Journal of Health Services  
 2018/19: Zeitschrift für Evidenz, Fortbildung und Qualität im Gesundheitswesen  
 2017/18: Cost effectiveness and resource allocation; Globalization and Health

### **Memberships and networks**

Since 2016: Member of the European Regional Science Association (ERSA)  
 Since 2015: Member of the Austrian Health Economics Association (ATHEA)  
 2014 - 2016: Member of the COST network action ADAPT  
 2013 - 2016: Member of the European Network for Health Technology Assessment (EUnetHTA)

### **Awards and other achievements**

2021: Austrian Marshall Plan Foundation Schumpeter Fellowship 2021/22  
 2020: „Wissenschaftspreis der Arbeiterkammer Oberösterreich“ (research award of the Upper Austrian Chamber of Labour) for my doctoral thesis  
 2020: Guest editor for the Special Issue “Space and Health” of Region (official Journal of the European Regional Science Association)  
 2019: Invited participation in “100 Years of Research at WU”: reply to question #37  
 2018: Invited participant of the Round Table of Young Regional Scientists at the ERSA conference  
 2018: Organization of the first PhD workshop of the Austrian Health Economics Association  
 2017: Contributing research to the policy report “Efficiency Review of Austria’s Social Insurance and Healthcare System” by the London School of Economics and Policy  
 2016: Invited publication for Eurohealth: Special Issue Health Forum Gastein on “Big Data for Health Service Research: Balancing Potentials and Challenges”

## Publications

### Academic:

Irlacher, Michael; Pennerstorfer, Dieter; Renner, Anna-Theresa; Unger, Florian (2022): *Modelling inter-regional patient flows: Theory and evidence from spatially explicit data*. (R & R at the International Economic Review)

(An earlier version of the paper can be found here:

<https://www.cesifo.org/en/publikationen/2021/working-paper/modeling-inter-regional-patient-mobility-does-distance-go-far>)

Renner, Anna-Theresa (2020): *Waiting time, avoidable hospitalisations and patient mobility: The economics of healthcare access*. Doctoral Thesis at the Vienna University of Economics and Business.

Renner, Anna-Theresa (2019). *Inefficiencies in a healthcare system with a regulatory split of power: A spatial panel data analysis of avoidable hospitalisations in Austria*. European Journal of Health Economics. <https://doi.org/10.1007/s10198-019-01113-7>.

Shaikh, Mujaheed; Miraldo, Marisa; Renner, Anna-Theresa (2018). *Waiting time at health facilities and social class: Evidence from the Indian caste system*. PLoS ONE, 13(10) open access. <https://doi.org/10.1371/journal.pone.0205641>.

Renner, Anna-Theresa; Bobek, Julia; Ostermann, Herwig (2016): *Big Data for Health Service Research: Balancing Potentials and Challenges*. Eurohealth. Special Issue Health Forum Gastein. Demographics and Diversity in Europe: New Solutions for Health. Vol. 22/3. OECD Publishing.

Renner, Anna-Theresa (2011): *Socioeconomic Status and Risky Health Behaviours – Explaining the Health Gradient* (Master thesis). Gesundheitswissenschaften Band 46: Aktuelle Entwicklungen im Gesundheitswesen aus der Perspektive engagierter junger GesundheitswissenschaftlerInnen; Edt. Alfred Grausgruber and Holger Penz

### Policy:

Habl, Claudia; Renner, Anna-Theresa; Bobek, Julia; Laschkolnig, Anja (2016): *Study on Big Data in Public Health, Telemedicine and Healthcare*. Final Report. Publications Office of the European Union: Directorate-General for Health and Food Safety - Health Programme.

Bobek, Julia; Renner, Anna-Theresa; Schneider, Peter; Ostermann, Herwig (2016): *Selbst ist der Patient*. Das Österreichische Gesundheitswesen – ÖKZ (57), Schaffler Verlag.

Ostermann, Herwig; Renner, Anna-Theresa; Bobek, Julia; Schneider, Peter; Vogler, Sabine (2015): *A cost/benefit analysis of self-care systems in the European Union*. Final Report. Gesundheit Österreich Forschungs- und Planungs GmbH. Commissioned and published by the European Commission.

Renner, Anna-Theresa; Bobek, Julia; Endel, Gottfried; Rosian-Schikuta, Ingrid; Wilbacher, Ingrid (2015): *Kolonkrebs-Screening mittels Stuhlbluttests – Nationaler Bericht Österreich basierend auf dem EUnetHTA Core-Bericht (English: Colorectal cancer screening using fecal blood tests – National report Austria based on the EUnetHTA Core report)*. Gesundheit Österreich GmbH and Hauptverband der Österreichischen Sozialversicherungsträger. Commissioned and published by the Austrian Ministry of Health.

Trummer, Ursula; Novak-Zezula, Sonja; Renner, Anna-Theresa; Wilczewska, Ina (2015): *Cost analysis of health care provision for migrants and ethnic minorities*. Thematic study developed and implemented by C-HM under the overall guidance of IOM MHD RO Brussels within the framework of the IOM/EC EQUI-HEALTH project “Fostering health provision for migrants, the Roma, and other vulnerable groups”. Vienna.

Renner, Anna-Theresa; Booth, Neill; Berlic, Nika (2014): *Cost and economic evaluation of the technology (ECO-Domain) in EUnetHTA Core report: Fecal Immunochemical Test (FIT) versus guaiac-based fecal occult blood test (FOBT) for colorectal cancer screening*. Edt. Jefferson, Tom; Cerbo, Marina; Vicari, Nicola (all Agenas, Italy).

Pertl, Daniela; Eisenmann, Alexander; Holzer, Ulrike; Renner, Anna-Theresa (2014): *Lungenvolumenreduktion bei Patienten mit Lungenemphysem (English: Lung volume reduction in patients with lung emphysema)*. Schriftenreihe Health Technology Assessment. Deutsches Institut für Medizinische Dokumentation und Information DIMDI, Köln.

Habl, Claudia; et al. (2014): *Armut und Gesundheit*. In: Handbuch Armut in Österreich (English: Poverty and Health. In: Handbook Poverty in Austria). Edt. Nikolaus Dimmel, Martin Schenk, Christine Stelzer-Orthofer, StudienVerlag, Innsbruck - Wien - Bozen: 240-267.

Rosian-Schikuta, Ingrid; Ostermann, Herwig; Renner, Anna-Theresa; Vrtikapa, Katerina (2013): *Verlagerung von Kataraktoperationen in Tageskliniken. Evidenz, Ist-Stand, Budgetauswirkung (English: Budget impact assessment of shifting cataract surgery from inpatient to day-care)*. Bundesministeriums für Gesundheit. Gesundheit Österreich GmbH, Wien.

Antony, Katja; Fröschl, Barbara; Renner, Anna-Theresa (2013): *Quick Assessment: Maßnahmen zur Erhöhung der MMR-Durchimpfungsrate - Übersicht aus Literatur und Länderrecherchen (English: Strategies to increase MMR-vaccination coverage – a literature overview and country comparison)*. Bundesministerium für Gesundheit. Gesundheit Österreich GmbH, Wien.