

CURRICULUM VITAE

JOHANNES HOLLENBACH

CONTACT

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CURRENT POSITIONS

06/2024 – present Research assistant, Chair of Statistics and Empirical Economics, Paderborn University
04/2021 – present Researcher, Health Economics Division, RWI – Leibniz Institute for Economic Research

EDUCATION

02/2022 – present Dr. rer. pol. (PhD in Economics), Paderborn University, Advisor: Hendrik Schmitz
10/2024-12/2024 Visiting Researcher, University of Wisconsin-Madison, Host: Jason Fletcher
10/2021 Visiting Researcher, Vienna University of Economics and Business, Host: Sophie Guthmuller
2018 – 2021 M.S. in Economics, University of Bayreuth
2015 Semester abroad, Ajou University, Suwon (Korea)
2013 – 2018 B.A. in International Economics and Development, University of Bayreuth

RESEARCH INTERESTS

Applied Microeconometrics, applications in health, education and labor economics; Social Science Genomics

PUBLICATIONS

WORK IN PROGRESS

“Gene-environment interactions with essential heterogeneity”, with Hendrik Schmitz and Matthias Westphal
Revision requested, *The Economic Journal*

“Life-cycle Health Effects of Compulsory Schooling”, with Hendrik Schmitz and Beatrice Baaba Tawiah
Under review

ARTICLES IN REFEREED JOURNALS

Guthmuller, S., D. Heger, J. Hollenbach, and A. Werbeck (2024), The Impact of Retirement on Loneliness in Europe. *Scientific Reports* 14: 26971.

Geissler, A., J. Hollenbach, M. Haring, V. E. Amelung, S. Thun, and A. Haering (2024), A nationwide digital maturity assessment of hospitals - results from the German DigitalRadar. *Health Policy and Technology* 13(4).

Vogel, J., J. Hollenbach, A. Haering, B. Augurzky, and A. Geissler (2024). The association of hospital profitability and digital maturity - An explorative study using data from the German DigitalRadar project. *Health Policy* 142: 105012.

DISCUSSION PAPERS

Hollenbach, J., H. Schmitz und M. Westphal (2024), Gene-Environment Interactions with Essential Heterogeneity. Ruhr Economic Papers #1105. Essen: RWI.

Guthmuller, S., D. Heger, J. Hollenbach, and A. Werbeck (2024), Retirement and Loneliness. Ruhr Economic Papers #1048. Essen: RWI.

Vogel, J., J. Hollenbach, A. Haering, B. Augurzky, and A. Geissler (2024), Are Profitable Hospitals More Digitally Mature? – An Explorative Study Using Data from the German DigitalRadar Project. Ruhr Economic Papers #1024. Essen: RWI.

CONTRIBUTIONS TO COLLECTED VOLUMES, MONOGRAPHS, PROJECT REPORTS

Vogel, J., J. Hollenbach, A. Haering, D. Ehlig, and A. Geissler (2025), Digital Maturity Data: Extracting Insights for Health System Management. In Armin Scheuer und Jörg Studzinski (Ed.), Digital Maturity in Hospitals: Strategies, Frameworks, and Global Case Studies to Shape Future Healthcare. Cham: Springer, 43–54.

Augurzky, B., S. Krolop, D. Monsees, H. Bergschneider, J. Hollenbach, A. Pilny, and C. M. Schmidt (2024). Krankenhaus Rating Report 2024: Zwischen Hoffen und Bangen. Heidelberg: medhochzwei.

Heger, D., B. Augurzky, H. Bergschneider, J. Hollenbach, I. Kolodziej, and C. Wuckel (2023). Pflegeheim Rating Report 2024: Pflege ohne Personal?. Heidelberg: medhochzwei.

Augurzky, B., S. Krolop, J. Hollenbach, D. Monsees, A. Pilny, C. M. Schmidt, and C. Wuckel (2023). Krankenhaus Rating Report 2023: Die Revolution?!. Heidelberg: medhochzwei.

Augurzky, B., S. Krolop, J. Hollenbach, D. Monsees, A. Pilny, C. M. Schmidt, and C. Wuckel (2022). Krankenhaus Rating Report 2022: Vom Krankenhaus zum Geisterhaus?. Heidelberg: medhochzwei.

Heger, D., B. Augurzky, I. Kolodziej, C. Wuckel and J. Hollenbach (2021). Pflegeheim Rating Report 2022: Der Pflegemarkt unter Druck – Zeit für Veränderung. Heidelberg: medhochzwei.

AWARDS, GRANTS, SPONSORSHIP

2024	Research Exchange Scholarship, RWI - Leibniz Institute for Economic Research
2024	Travel Grant, German Academic Exchange Service (DAAD)

PRESENTATIONS

CONFERENCES AND WORKSHOPS

2025	RWI Brown Bag (Essen), dggö Annual Meeting (Paderborn), UDE Micro Workshop (Kamen), RWI Health Economics Workshop (Essen)
2024	ASSA Annual Meeting (San Antonio), dggö Annual Meeting (Halle), Initiative in Social Genomics (UW-Madison), EuHEA PhD Conference (Lucerne), CINCH-dggö Academy in Health Economics (Essen), dggö Annual Meeting (Halle), CESA Young Researcher Workshop (Hagen), RWI Health Economics Workshop (Essen)
2023	EuHEA PhD & Supervisor conference (Bologna), CINCH-dggö Academy in Health Economics (Essen), Westphalian Seminar (Essen), RWI Health Economics Workshop (Essen)
2022	dggö Annual Meeting (Hamburg), EuHEA conference (Oslo), Economics of Mental Health Workshop (Essen), EuHEA PhD & Supervisor conference (Galway), RWI Brown Bag Seminar (Essen), Westphalian Seminar (Dortmund), RWI Health Economics Workshop (Essen)

INVITED TALKS

- Fall 2024 “Gene environment interactions with essential heterogeneity”, Applied Micro Workshop, UW-Milwaukee
- Spring 2024 “Gene environment interactions with essential heterogeneity”, Initiative in Social Genomics, UW-Madison (online)

TEACHING EXPERIENCE

PADERBORN UNIVERSITY

- Summer 2025 Statistics for Industrial Engineering (undergrad), Microeconometrics (graduate)
- Summer 2024 Empirical Economics (undergrad), Microeconometrics (graduate)

UNIVERSITY OF DUISBURG-ESSEN

- Summer 2024 Health Care Systems (graduate)

OTHER RESEARCH EXPERIENCE

- 2018 – 2021 Student assistant to David Stadelmann, University of Bayreuth
- 2018 – 2021 Student assistant to Martin Leschke, University of Bayreuth

OUTREACH & SERVICE

REFEREE ACTIVITY

Health Economics, The B.E. Journal of Economic Analysis & Policy

VOLUNTEERING

- 02/2025 – present RWI PhD Student Representative (elected)
- 2023 Young Economic Solutions. Topic: Ensuring health care provision in rural areas
- 2022 Young Economic Solutions. Topic: Promoting equal opportunities for working-class children in accessing higher education

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

American Economic Association (AEA), German Health Economics Association (dggö)