

# Johannes Hollenbach

Researcher & PhD Student

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## Current Positions

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### **Paderborn University**

Research Assistant, Chair of Statistics and Empirical Economics

Paderborn, Germany

06/2024 - present

### **RWI – Leibniz Institute for Economic Research**

Researcher, Health Economics Division

Essen, Germany

04/2021 - present

## Education

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### **Paderborn University**

Dr. rer. pol. (PhD in Economics), Advisor: Hendrik Schmitz

Paderborn, Germany

02/2022 - present

### **University of Wisconsin - Madison**

Visiting Researcher, La Follette School of Public Affairs, Host: Jason Fletcher

Madison, WI, USA

10/2024 - 12/2024

### **Vienna University of Economics and Business**

Visiting Researcher, Institute for Social Policy, Host: Sophie Guthmuller

Vienna, Austria

10/2021

### **University of Bayreuth**

M.S. in Economics

Bayreuth, Germany

2018 - 2021

### **University of Bayreuth**

B.A. in International Economics and Development

Bayreuth, Germany

2013 - 2018

## Research Interests

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Applied Econometrics, Health and Education Economics, Social Science Genomics

## Research

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### **WORKS IN PROGRESS**

“Gene-Environment Interactions with Essential Heterogeneity” (with Hendrik Schmitz and Matthias Westphal)  
Conditionally accepted, *The Economic Journal*

“Life-cycle Health Effects of Compulsory Schooling” (with Hendrik Schmitz and Beatrice Baaba Tawiah)  
Accepted, *European Journal of Health Economics*

### **JOURNAL ARTICLES**

“The Impact of Retirement on Loneliness in Europe” (with Sophie Guthmuller, Dörte Heger and Anna Werbeck)  
*Scientific Reports*, Vol. 14 (2024).

“A Nationwide Digital Maturity Assessment of Hospitals: Results from the German DigitalRadar” (with Alexander Geissler, Malte Haring, Volker Amelung, Sylvia Thun and Alexander Haering)  
*Health Policy and Technology*, Vol. 13(4) (September 2024)

“The Association of Hospital Profitability and Digital Maturity — An Explorative Study Using Data from the German Digital-Radar.” (with Justus Vogel, Alexander Haering, Boris Augurzky, and Alexander Geissler)  
*Health Policy*, Vol. 142 (April 2024)

## Awards, Fellowships & Grants

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

## Presentations and Conferences

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### CONFERENCES & WORKSHOPS

- 2025            RWI Brown Bag (Essen), dggö Annual Meeting (Paderborn), University of Duisburg-Essen Micro Workshop (Kamen)  
2024            ASSA Annual Meeting (San Antonio), Initiative in Social Genomics (UW-Madison, fall, in-person), EuHEA PhD Conference (Lucerne), CINCH-dggö Academy in Health Economics (Essen), dggö Annual Meeting (Halle), CESA Young Researcher Workshop (Hagen)  
2023            EuHEA PhD Conference (Bologna), CINCH-dggö Academy in Health Economics (Essen)  
2022            EuHEA PhD Conference (Galway), EuHEA Conference (Oslo), Economics of Mental Health Workshop (Essen, no presentation), dggö Annual Meeting (Hamburg), RWI Brown Bag (Essen)

### INVITED TALKS

- Fall 2024        Applied Micro Workshop, UW-Milwaukee  
Spring 2024      Initiative in Social Genomics, UW-Madison (online)

## Teaching Experience

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### AS TEACHING ASSISTANT

- Statistics      Paderborn University, Summer 2025, undergraduate level  
Microeconomics   Paderborn University, Summer 2024, Summer 2025, graduate level  
Empirical Economics   Paderborn University, Summer 2024, undergraduate level  
Healthcare Systems   University of Duisburg-Essen, Summer 2024, graduate level

## Further Research Experience

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- 2018-2021        Student Assistant, Chair of Development Economics, University of Bayreuth  
2018-2021        Student Assistant, Chair of Institutional Economics, University of Bayreuth

## Outreach & Service

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### REFEREEING

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

### OUTREACH

- 02/2025-  
present        PhD Representative (elected), RWI - Leibniz Institute for Economic Research  
2023            Scientific Advisor, Young Economic Solutions  
2022            Scientific Advisor, Young Economic Solutions

## AFFILIATIONS AND MEMBERSHIPS

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