

Dr. Fabienne Pradella



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Research Interests

Developmental Origins of Health and Disease, Global Health, Health Economics, Causal Inference

Academic Positions & Education

Johannes Gutenberg University Mainz, since 06/2015

Postdoctoral researcher, Chair of Statistics & Econometrics, since 02/2022

Doctoral Degree in Economics (summa cum laude), advisor: Prof. Reyn van Ewijk, 02/2022

Parental leave: 2016 (8 months), 2018/2019 (15 months)

Heidelberg University & Stanford University, since 03/2024

Postdoctoral researcher, Heidelberg Institute of Global Health

Postdoctoral fellow, Department of Medicine, Division of Primary Care and Population Health (Stanford)

APOLLON University of Applied Sciences, since 06/2025

Module coordination “Global Health”, Department of Healthcare

Harvard School of Public Health, 12/2023 – 11/2024

Visiting postdoc at the Department of Environmental Health invited by Prof. Joel Schwartz, 12/2023 – 02/2024

Master of Arts: Governance, 2013-2015 (advanced training during parental leave: no degree)

FernUniversität Hagen (Germany)

Master of Science: Food and Resource Economics (GPA: 1.1 – The Year’s Best Student)

Rheinische-Friedrich-Wilhelms University Bonn (Germany), 2010-2013

Bachelor of Arts: European Studies (Top 3%)

Maastricht University (The Netherlands), 2007-2010

Publications

Kana, M. A., Usman, B., Mohammed-Durosinslorun, A., Ahmed, J., Abubakar, H. H., Abdulmalik, Y., & Pradella, F. (2025). Ramadan during pregnancy and the role of dietary intake for neonatal health in Kaduna, Northwestern Nigeria: a cross-sectional study. *BMC Pregnancy and Childbirth*, 25(1), 59.

Pomirchy, M., Bommer, C., Pradella, F., Michalik, F., Peters, R., & Geldsetzer, P. (2025). Herpes Zoster Vaccination and Dementia Occurrence. *JAMA*, doi:10.1001/jama.2025.5013.

Tran, V., van Ewijk, R. & Pradella, F. (2025). Ramadan during pregnancy and offspring age at menarche in Indonesia: a quasi-experimental study. *Nutrients*, 17(9), 1406.

Münz, T., Pradella, F., Lambrecht, N., Gabrysch, S. & R. van Ewijk (2025). Temperatures around conception affect metabolic health in adulthood. *Research Square* (Preprint), <https://doi.org/10.21203/rs.3.rs-6324218/v1>.

Pradella, F. & van Ewijk, R. (2024). Mechanisms linking prenatal environment and linear growth: the case of Ramadan during pregnancy. *American Journal of Epidemiology*, kwae386, <https://doi.org/10.1093/aje/kwae386>.

Pradella, F., Witte, P. & van Ewijk, R. (2024). Ramadan during Pregnancy and Offspring Health Outcomes over the Life Course: A Systematic Review. *Human Reproduction Update*, dmae026, <https://doi.org/10.1093/humupd/dmae026>.

Pradella, F., Leimer, B., Fruth, A., Queißer-Wahrendorf, A. & van Ewijk, R. J. (2023). Ramadan during pregnancy and neonatal health—Fasting, dietary composition and sleep patterns. *PLoS ONE*, 18(2): e0281051.

Pradella, F. & van Ewijk, R. J. (2018). As long as the breath lasts: In utero exposure to Ramadan and the occurrence of wheezing in adulthood. *American Journal of Epidemiology*, 187(10), 2100-2108.

Leimer, B.*, Pradella, F.*, Fruth, A., Queißer, A. & van Ewijk, R. J. (2018). Ramadan Observance during Pregnancy in Germany: a Challenge for Prenatal Care. *Geburtshilfe und Frauenheilkunde*, 78(7), 684-689. (* shared first-authorship)

Working Papers & Current Projects

Khanal, S., Schubert, T., Böckmann, M., Pradella, F. Assessing health facility preparedness in Nepal for addressing climate-related disasters and climate-sensitive diseases (*under review*)

Elizabeth, P.M., Pradella, F., Su, T.T., Seiermann, A.U., Schoeps, A., Ismail, R., van Ewijk, R., Winkler, V. & M.R. Mahanani (2024). No Evidence for an Association Between In Utero Ramadan Exposure and the Health Outcomes of Mean Arterial Pressure and Random Blood Glucose in Adulthood: Evidence from SEACO in Malaysia. (*under review*)

Witte, P., Pradella, F. & R. van Ewijk. The role of prenatal advice for maternal fasting during Ramadan: A cross-sectional study based on the Mainz Survey Study on Ramadan during Pregnancy. (*under review*)

Pradella, F., Gabrysch, S., & R. van Ewijk. Early-life droughts and cognitive performance among children in rural India.

Pradella, F. & J. Schwartz. Transgenerational effects of heat during pregnancy.

Academic Funding

Scientific Training Offer grant (“Storry matters: an introduction to document analysis approaches and mixed methods data visualization”), German Alliance for Global Health Research, with Melanie Böckmann, 2025 (€ 15 000).

Scientific Workshop grant (“Causal methods in early-life research”), German Alliance for Global Health Research, with Nathalie Lambrecht, Sabine Gabrysch & Reyn van Ewijk, 2024 (€ 12 000)

Research Grant German Science Foundation (DFG), “How do prenatal and postnatal circumstances interact in shaping health? An interdisciplinary approach using quasi-experiments”, with R van Ewijk and S Gabrysch as principal investigators, 2021 (€ 416 100)

Research Grant German Science Foundation (DFG), “Ramadan during pregnancy: effects on health and fertility across the generations”, with R van Ewijk as principal investigator (renewal proposal), 2021 (€ 225 850)

Non-Academic Publications

Pradella, F. & van Ewijk, R. (2023). Ramadanfasten in der Schwangerschaft? Beratung von schwangeren Muslimas. *doctors/today*, 3(3), 46-47.

El-Awady, N. (2023). Pregnancy in Ramadan: moderating negative birthweight outcomes (*Interview*). *Medscape*, February 15, 2023.

Pradella, F. (2010). Putting Agricultural Competitiveness and Rural Well-Being on an Equal Footing: Long-Term Strategies for Rural Ukraine. Kyiv: Friedrich-Ebert-Stiftung.

Awards

Best graduate in economics, Johannes Gutenberg-University Mainz, 2023

Gutenberg Dissertation Stipend for excellent research, City of Mainz, 2022

Member of the Gutenberg Academy of Excellence, forum for interdisciplinary exchange & mentoring for the University's top PhD students, Johannes Gutenberg-University Mainz, 2020-2022

Best Poster Award, Annual Meeting of the German Society for Epidemiology (DGEpi), 2018

Epidemiology Best Poster Award, GMDS Conference, 2017

Engagement Global gGmbH stipend for participation in the ASA programme, 2012

Participation in the Honours Programme at Maastricht University, 2008-2010

Refereeing

npj Vaccines, American Journal of Epidemiology, Dialogues in Health, BMC Public Health, Health & Social Care in the Community, Women's Health, NWO (Dutch Research Council, Vici grant), DAAD: German Exchange Service, WHO Centre for Environment & Health

Extracurricular Activities

Associate Editor, *Frontiers in Epidemiology*, since 2025

Spokesperson of the working group on pediatric epidemiology, German Society of Epidemiology, since 2025

Executive committee member Gutenberg Council for Young Researchers at Mainz University, since 2022

Founding member Climate Change & Sustainability Working Group, Germany Society of Epidemiology, since 2021

Equal Opportunity officer at the Faculty of Law & Economics, Mainz University 2021-2024

Expert, project on promotion of infant nutritional health, German Federal Agency for Agriculture and Food, since 2021

Teaching & Advising

“Global Health”, course coordinator at the Apollon University of Applied Sciences Bremen, since 2025

“Life Course Epidemiology”, Master of Epidemiology at Mainz University Hospital, upcoming (July 2025)

Master Seminar in Statistics and Econometrics: Climate Change, Pollution and Human Health, since 2021

Master Seminar in Statistics and Econometrics: A Life Course Perspective on Health, 2020-2021

Bachelor Seminar Research and Writing, 2018-2021

Supervision of Ph.D., Master and Bachelor Theses, since 2017

Scientific Societies

German Association for Epidemiology (DGEpi), In VIVO Planetary Health, German Alliance for Climate Change and Health (KLUG), German Alliance for Global Health Research (GLOHRA), Global Health Hub Germany, International DOHaD Society, Mainzer Verein zur Förderung der Epidemiologie, Biometrie, Informatik, Dokumentation und der Krebsregister e.V.

Non-Academic Work Experience

Ecological Transport Club (VCD) Rheinland-Pfalz, Secretary General, 2015-2016

I-Motion GmbH, Project Management for large-scale electronic music events, 2006-2015

NGO GRAPHE & ASA Programme, Project on Tropical Forest Conservation in Togo, 2012

JUGEND für Europa, German Erasmus+ National Agency, Press and Public Relations Student Assistant, 2011-2013

German Embassy Athens, internship, 2010

Friedrich-Ebert Foundation, Office Ukraine & Belarus, internship, 2009

Voluntary Activities

Board member, Support Association Childcare Center Mombach-West, Mainz, since 2024

Parent volunteer, head of the occupancy team, KiTa Die Sandflöhe, Mainz, 2016 - 2024

Participant in the Scenario Project „Germany and Russia 2030“, Friedrich-Ebert Foundation, Berlin/ Moscow, 2013

Board and press work on regional and European levels, Federation of Young European Greens, Brussels, 2006-2013

Vice President of the Organizational Committee of Student Forum Maastricht, Maastricht University, 2008-2009

European Voluntary Service at KAAP Voulas, center for disabled children and youth in Athens (Greece), 2006-2007

Languages

German (native), English (fluent), French (fluent), Dutch (good), Modern Greek (good) Russian (basic), Ewé (basic)

Conferences (with presentation) and Workshops

04/2025	European Causal Inference Meeting EuroCIM, Ghent (Belgium)
11/2024	Maternal Atlas to Improve Birth Outcomes, Kaduna (Nigeria)
10/2024	Leibniz Environment and Development Symposium (LEADS), Berlin
09/2024	Workshop “Causal Methods in Early-Life Research”, Bad Kreuznach (D)
06/2024	GLOHRA Day, German Alliance for Global Health Research, Berlin
06/2024	Workshop “The Economics of Childhood Nutrition”, London
10/2023	ENBEL “Connecting Climate Change and Health”, Stockholm
09/2023	Workshop on using environmental data, German Society for Epidemiology
09/2023	18 th Annual Meeting German Society for Epidemiology
12/2022	Nova Institute for Health Annual Conference 2022
09/2022	17 th Annual Meeting German Society for Epidemiology
09/2021	16 th Annual Meeting German Society for Epidemiology
08/2021	Summer school “The Development of Cognitive and Non-Cognitive Skills in Childhood and Adolescence”
06/2021	33 rd Residential Summer Course of the European Educational Programme in Epidemiology
02/2021	58. Scientific Congress of the German Society of Nutrition
12/2020	inVIVO Planetary Health 2020
11/2019	Invited Presentation at the Autumn Meeting of the German Diabetes Federation
09/2019	14 th Annual Meeting German Society for Epidemiology
09/2019	International Health Economics Workshop, Mainz
12/2018	11 th European Public Health Conference, Ljubljana
09/2018	13 th Annual Meeting German Society for Epidemiology
02/2018	4 th International Conference German Society of Midwifery Science
01/2018	Invited Presentation at Heidelberg Epidemiology Seminar Series, Heidelberg Institute of Global Health, Heidelberg
09/2017	62 th Annual Meeting German Association for Medical Informatics, Biometry and Epidemiology (GMDS)
09/2017	Joint Annual Meeting of DGEpi, DGSMP and GMDS
04/2017	“Workshop on Health Economics”, Heidelberg
10/2016	“The Power of Programming”, Munich