Maria Gueltzow

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Citizenship: German

Institution: Max Planck Institute for Demographic Research

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Research interests	Mental health and causal decomposition methods

Education

Max Planck Institute for Demographic Research & Erasmus Medical Center Rotterdam — Rostock Germany
PhD student in Population Health — 09 2020 – Present
Mentors: Dr. Maarten J. Bijlsma, Prof. Mikko Myrskylä, Prof. Frank van Lenthe.

NIHES - Erasmus University Rotterdam — Rotterdam, the Netherlands
(research) MSc in Health Sciences,
specialization: Public Health Epidemiology — 08 2018 – 08 2020

Karolinska Institutet — Stockholm, Sweden
Semester Abroad in
M.Sc. Health Economics, Policy and Management — 01 2016 – 06 2016

University of Applied Sciences — Hamburg, Germany
BSc in Health Sciences (Gesundheitswissenschaften) — 09 2013 – 09 2017

Awards

Best Presentation Award (Young Demographers Conference 2023) — 2023
CCG Best Bachelor Thesis (University of Applied Sciences, Hamburg) — 2018

Publications

The role of labor market inequalities in explaining the gender gap in depression risk among older US adults
Gueltzow, M., Bijlsma, M. J., van Lenthe, F. J., Myrskylä, M..
MPIDR Working Paper 2023

The contribution of health behaviors to depression risk across birth cohorts
Gueltzow, M., Bijlsma, M. J., van Lenthe, F. J., Myrskylä, M..
Epidemiology. 2022

Budget impact of antimicrobial wound dressings in the treatment of venous leg ulcers in the German outpatient care sector: a budget impact analysis
Gueltzow, M., Khalilpour, P., Kolbe, K., Zoellner, Y.

J Mark Access Health Policy, 2018.

Research experience

Population Health Laboratory,
Max Planck Institute for Demographic Research
Mentors: Dr. Maarten J. Bijlsma, Prof. Mikko Myrskylä,
Prof. Frank van Lenthe.   09 2020 – Present
I am using causal decomposition methods to study mental health and its determinants. My focus is on explaining differences between subgroups, for example birth cohorts, gender and socioeconomic status.

Nutrition & Lifestyle Epidemiology
Erasmus Medical Centre Rotterdam
Mentors: Dr. Kim VE Braun,
Asst. Prof. Trudy Voortman.   January 2019 – Present
I studied the association of omega-3 polyunsaturated fatty acid intake with epigenetic markers, assisted data collection for the Rotterdam study, and worked on other projects regarding nutrient intake and health.

Health Sciences, University of Applied Sciences Hamburg
Mentors: Prof. Joachim Westenhoefer, Ingrid Borgmeier.   January 2017 – July 2017
I identified benefits, resources and need for support for volunteers in refugee aid. Participants were recruited through social media.

Industry experience

BSN medical, Regulatory Intelligence   Hamburg, Germany
Intern   October 2017 - July 2018
Health economic evaluations for chronic wound treatment

Birds and Trees UG   Hamburg, Germany
Intern & working student   June 2016 - September 2017
eHealth, Funding proposals for a clinical trial.

Talks

The contribution of health behaviors to depression risk
birth cohorts
(upcoming) Population Association of America Annual Meeting, New Orleans, USA, April 2023
Young Demographers, Prague, Czech Republic, January 2023
European Population Conference, Groningen, Netherlands, June 2022
Young Demographers, Prague, Czech Republic, January 2022
Social Epidemiology Section Meeting, Erasmus Medical Center, Rotterdam, Netherlands, January 2022
World Congress on Epidemiology, Melbourne, Australia, September 2021
LabTalk, Max Planck Institute for Demographic Research, June 2021

Skills	**Programming**
	Proficient in: R
	Familiar with: Python, SPSS.

Languages

German (fluent), English (fluent), Dutch (basic)

Service and outreach	**Reviewer for Social Science and Medicine - Population Health** March 2023
	Reviewer for International Journal of Epidemiology June 2022

Rostock Eleven

Workshop with journalists to improve science communication June 2022

AISEC in cooperation with

CanKids...KidsCan New Delhi, India March 2017 – May 2017

Support of the Bone Marrow Transplantation & Osteosarcoma Project.