

Maria Gueltzow

Updated March 31, 2023

Email: gueltzow@demogr.mpg.de

Phone: +49 381 2081-192

Citizenship: German

Institution: Max Planck Institute for Demographic Research

LinkedIn: www.linkedin.com/in/mariagueltzow/

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
Supervisors: Dr. Maarten J. Bijlsma (Co-promoter),
Prof. Mikko Myrskylä (Promoter),
Prof. Frank van Lenthe (Promoter).

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

Supervisors: Dr. Maarten J. Bijlsma, Prof. Mikko Myrskylä,

Prof. Frank van Lenthe.

September 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

Supervisors: 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

Supervisors: 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 across birth cohorts

(upcoming) Population Association of America Annual Meeting, New Orleans, USA, April 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

The role of labor market inequalities in explaining the gender gap in depression risk

among older US adults

(upcoming) Population Association of America Annual Meeting, New Orleans, USA, April 2023

Young Demographers, Prague, Czech Republic, January 2023

LabTalk, Max Planck Institute for Demographic Research, January 2023

Skills

Programming

Proficient in: R

Familiar with: Python, SPSS.

Languages

German (native), 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.