

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

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 Poster Award (PHDS Graduate Workshop 2023)

2023

Best Presentation Award (Young Demographers Conference 2023)

2023

CCG Best Bachelor Thesis (University of Applied Sciences, Hamburg)

2018

Publications

The role of childhood obesity in socioeconomic inequalities in young adolescents' mental health: Differential exposure or differential impact?

Gueltzow M., Oude Groeniger J., Bijlsma M.J., Jansen P., Houweling T., van Lenthe F.J.

MPIDR Working paper. 2023

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.

Social Science and Medicine. 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 – September 2020

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**

Population Association of America Annual Meeting, New Orleans, USA, April 2023
 European Population Conference, Groningen, Netherlands, June 2022
 Rostock Night of Open Science (science communication talk), Rostock, Germany, May 2023
 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) European Public Health Conference, Dublin, Ireland, November 2023
 (upcoming) Conference of the International Society for Clinical Biostatistics, Milan, Italy, August 2023
 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

The role of childhood obesity in socioeconomic inequalities in young adolescents' mental health

WEON, Rotterdam, Netherlands, June 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.