



5th IMPRS-PHDS Annual Academy December 13-15, 2023

In-person conference with limited virtual option

*Venue: Max Planck Institute for Demographic Research
Konrad-Zuse-Str.1, D-18057 Rostock, Germany*

Agenda

PART A: Schedule at a glance

Wednesday, December 13, 2023	Thursday, December 14, 2023	Friday, December 15, 2023
8:45 - 09:30 Registration	9:30 – 10:45 Session 6 Student Short Talks: Part II	9:30 – 10:15 Session 11 Faculty Presentations II
9:30 – 10:15 Session 1 Welcome and Orientation	11:15 – 11:45 Session 7 Faculty Presentations I	10:15 – 11:00 Session 12 Poster Session III – Lightning Talks
10:15 – 11:00 Session 2 Academic Speed Dating I	11:45 – 12:30 Session 8 Academic Speed Dating II	11:30 – 12:30 Session 12 (cont.) Poster Session III – Poster Walk
11:30 - 12:30 Session 3 Student Short Talks: Part I	13:30 – 14:00 Networking Meetings	13:30 – 14:00 Networking Meetings
13:30 – 14:00 Networking Meetings	14:00 – 15:45 Session 9 Poster Session II	14:00 - 15:30 Session 13 Faculty Office Hours
14:00 – 15:45 Session 4 Poster Session I	16:15 – 17:15 Session 10 A Alumni Office Hours	16:00 – 17:00 Sessions 14 Concluding Discussion
16:15 – 17:45 Session 5 Oral Paper Sessions I +II	16:15 – 18:00 Session 10 B PHDS Steering Committee	
18:00 Optional excursion to Rostock Christmas Market	19:00 – 20:00 Session 10 B (cont.) PHDS Steering Committee	



PART B: Detailed Schedule

Wednesday, December 13

8:45 Registration

9:30 – 10:15 Session 1 – Welcome and Orientation

Chair: Emilio Zagheni

Room: 057 Johann Peter Süßmilch Auditorium

Virtual option available

10:15 – 11:00 Session 2 – Academic Speed Dating I

Chair: Heiner Maier

Rooms: Auditorium (057), Lobby, Room 005, First Floor

11:00 – 11:30 Coffee Break

Cafeteria

11:30 – 12:30 Session 3 – Student Short Talks I: First 8 Students from Cohort 2023

Chair: Mikko Myrskylä

Room: 057 Johann Peter Süßmilch Auditorium

Virtual option available

Sanny Boy D. Afable (MPIDR/STA): The Linked Lives of Adult Children and Their Ageing Parents

Lotta Volotinen (HEL): Socioeconomic Position and ADHD Diagnosis

Maria Laura Miranda (MPIDR): Mortality Estimation in Scarce and Defective Data Settings

José Henrique Costa Monteiro da Silva (PENN): Alternative Ways to Measure Mortality in Low- and Middle-Income Countries

Linda Cheng (OXF): Dismantling Patriarchy, One iPhone at a Time? The Real World Impacts of Digital Gender Gaps

Lauren Woyczynski (WAS): Incarceration, Health, and Mortality in the United States

Parth Pandya (STA): Understanding Partnership, Employment & Housing Patterns of Immigrants and Their Descendants in England & Wales through Ethnic Concentration



Flavia Mazzeo (MPIDR): Within-Couple Economic Inequalities and Family Demographic Processes

12:30 – 13:30 Lunch Break

Lunch will be served in the MPIDR Cafeteria

13:30 – 14:00 Networking Meetings

Rooms: Cafeteria, Auditorium (057) and all floors

14:00 – 15:45 Session 4 – Research Updates from Cohorts 2019, 2020, 2021 and 2022 – Poster Session I

Chair: Heiner Maier

14:00 – 14:45 Presenters will introduce and advertise their posters by a short **Lightning Talk** in MPIDR's auditorium (room 057).

Virtual option available

Mary Joul Abed Al Ahad (STA): Long-Term Exposure to Air Pollution, Health, Mental Well-Being, Mortality, and Hospital Admissions: Analysis Based on Big Individual-Level Datasets

Rishabh Tyagi (MPIDR): The Causal Impact of Men or Women's Job Loss on Fertility: A Couple-Level Analysis through Norwegian Register Data

Dorien Tecla Beeres (ERA): Using Small Area Methods to Explore the Local Dynamics of Health Behaviors over Time

Jessica Donzowa (MPIDR): The Impact of Advertisement Design on Response Quality in Surveys Using Social Media Recruitment

Anna-Victoria Holtz (ROS): Heterogeneity in Multimorbidity and Dementia Trajectories in Old Age in Germany – A Study Based on Health Claims Data

Anastasia Lam (STA/MPIDR): Inequalities in Working and Health Expectancies at Older Ages in South Korea

Riku Laine (HEL): Local Labour Demand and Post-Prison Employment – Evidence from Finland

Elena Rakusa (ROS): Is Dementia Predictive of Palliative Care? Uncovering Patient Patterns in Palliative Care with a Focus on Dementia using German Claims Data

Maria Ponkilainen (HEL): Who Are Having Kids? Socioeconomic Differences in Fertility among Female Same-Sex Couples in Finland

Yasmin Mertehikian (PENN): The Impact of the COVID-19 Pandemic on Vulnerable Workers: The Case of Domestic Work in Argentina



14:45 – 15:45 Poster Walk

Exhibited on Ground Floor:

Elena Rakusa (ROS): Is Dementia Predictive of Palliative Care? Uncovering Patient Patterns in Palliative Care with a Focus on Dementia using German Claims Data

Maria Ponkilainen (HEL): Who Are Having Kids? Socioeconomic Differences in Fertility among Female Same-Sex Couples in Finland

Yasmin Mertehikian (PENN): The Impact of the COVID-19 Pandemic on Vulnerable Workers: The Case of Domestic Work in Argentina

Exhibited on 1st Floor

Mary Joul Abed Al Ahad (STA): Long-Term Exposure to Air Pollution, Health, Mental Well-Being, Mortality, and Hospital Admissions: Analysis Based on Big Individual-Level Datasets

Rishabh Tyagi (MPIDR): The Causal Impact of Men or Women's Job Loss on Fertility: A Couple-Level Analysis through Norwegian Register Data

Exhibited on 2nd Floor:

Dorien Tecla Beeres (ERA): Using Small Area Methods to Explore the Local Dynamics of Health Behaviors over Time

Jesús Daniel Zazueta Borboa (GRO): Do Differences in Mortality Across Educational Groups Explain the Stagnation in Life Expectancy Growth in England & Wales?

Jessica Donzowa (MPIDR): The Impact of Advertisement Design on Response Quality in Surveys Using Social Media Recruitment

Exhibited on 3rd Floor:

Anna-Victoria Holtz (ROS): Heterogeneity in Multimorbidity and Dementia Trajectories in Old Age in Germany – A Study Based on Health Claims Data

Anastasia Lam (STA/MPIDR): Inequalities in Working and Health Expectancies at Older Ages in South Korea

Riku Laine (HEL): Local Labour Demand and Post-Prison Employment – Evidence from Finland

15:45 – 16:15 Coffee Break
Cafeteria



- 16:15 – 17:45** **Session 5 – Research Updates from Cohorts 2020, 2021 and 2022 – Oral Paper Session I+II**
- 16:15 – 17:45 Session 5A - Perspectives on Health, Mortality and Migration
Chair: Irma Elo
Room: 057 Johann Peter Süßmilch Auditorium
Virtual option available
- Su Yeon Jang (MPIDR): Inequalities in Life Expectancy between Migrants and Natives across Europe
- Eugenio Paglino (PENN): The Impact of COVID-19 on the Mortality of the Foreign-Born Population in the United States
- Maximilian Frenz-Göllnitz (ROS /GRO): A Deadly Move? Contributions of Causes of Death to Differentials in Life Expectancy by Internal Migrant Status in the Netherlands
- Athina Anastasiadou (MPIDR): (Not) Going with the Flow: Sex Differences in Migration Flow Predictions
- Maria Gültzow (MPIDR): Genetic Susceptibility to Depression and the Role of Partnership Status
- 16:15 – 17:45 Session 5B - Dynamics of Demography: Climate, Fertility and Digital Methodologies
Chair: Christiaan Monden
Room: 005 Wilhelm Lexis Conference Room
Virtual option available
- Jiseon Baek (STA): Determinants of Fertility among Immigrants and Descendants in the UK
- Jasmin Abdel Ghany (OXF): Climate Change and Sex Ratios at Birth
- Katherine Del Salto Calderon (MPIDR): Temperature Shocks and Contraceptive Use in Low- and Middle-Income Countries
- Henrik-Alexander Schubert (MPIDR): Parental Age Gaps and Birth Outcomes
- Ihsan Kahveci (WAS): Evaluating Online Recruitment in COVID-19 Prosocial Behavior Surveys: Comparison of Social Media Sampling with Probability Sampling
- 18:00** **Optional Excursion to Rostock Christmas Market (in small groups)**



Thursday, December 14

9:30 – 10:45 **Session 6 – Student Short Talks II: Second 10 Students from Cohort 2023**

Chair: Emilio Zagheni

Room: 057 Johann Peter Süßmilch Auditorium

Virtual option available

Aasli Abdi Nur (WAS): Measuring Up: Rethinking Demographic Approaches to the Study of Family Planning in the Global South

Amanda Martins de Almeida (MPIDR): Differences in Kinship Structure by Socioeconomic Status

Haohao Lei (OXF): Can the Great Divide in Pain Be Explained by Changes in the Educational Structure of the US Population? An Inverse Probability Weighting Approach

Gwynne Evans-Lomayesva (PENN): Bridging Data Gaps: Demography to Address Disparities for the American Indian/ Alaska Native Population

Vinod Joseph Kananjeril Joseph (MPIDR): Climate Change and Demographic Behaviour

Aryaa Rajouria (WAS): Impact of Natural Disasters on Migration Behavior and Population Health in Nepal

Abigail Tun Mendicuti (MPIDR/GRO): Perspectives on Migration and Family Ties in the Mexican Context

Gabriel Varela (DUKE): Undiagnosed: The Relational Foundations of Mental Health Self-Labeling

Sanni Variskallio (HEL): Social Disparities in the Health-Related Consequences of COVID-19

Anne Hjorth Thomsen (Aarhus): Parental Socioeconomic Status and Reproductive Health in Children

10:45 – 11:15 **Coffee Break** Cafeteria



- 11:15 – 11:45** **Session 7 – Faculty Presentations I**
Chair: Pekka Martikainen
Room: 057 Johann Peter Süßmilch Auditorium
Virtual option available
- Wilma Nusselder (ERA): Has Cancer Surpassed Cardiovascular Diseases: What Can Different Measures Tell Us about Educational Inequalities across Europe?
Hill Kulu (STA): Projection of Migrant Family Life-courses in Britain
- 11:45 – 12:30** **Session 8 – Academic Speed Dating II**
Chair: Heiner Maier
Rooms: Auditorium (057), Lobby, Room 005, First Floor
- 12:30 – 13:30** **Lunch Break**
Lunch will be served in the MPIDR Cafeteria
- 13:30 – 14:00** **Networking Meetings**
Rooms: Cafeteria, Auditorium (057) and all floors
- 14:00 – 15:45** **Session 9 – Research Updates from Cohorts 2019, 2020, 2021 and 2022 – Poster Session II**
Chair: Christina Westphal
- 14:00 – 14:45 Presenters will introduce and advertise their posters by a short **Lightning Talk** in MPIDR’s auditorium (room 057).
Virtual option available
- Jiani Yan (OXF): Mortality and Machine Learning: A Glance at Death, Holistically and Precisely
Ailun Shui (GRO): The Trajectory of Biomarkers and Health Disparities over the Lifespan
Donata Stonkute (MPIDR): Educational and Gender Gaps in Cognitive Impairment-Free Life Expectancy across Europe
Muhammad Naeem, Mohammed Mousa (GRE): Central Obesity and Fat-Free Mass Are Associated with a Larger Spleen Volume in the General Population
Xinyi Zhao (MPIDR): Gender Differences in the Conflict between the Beginning of an Academic Career and Parenthood
Anneliese Luck (PENN): The Distribution of Local Carceral Harm: County-Level Jail Incarceration and Mortality by Race, Sex, and Age



Andrea Colasurdo (MPIDR): Long Term trends in Transnational Kin Networks in Europe and US: 1700-1900

Courtney Allen (WAS): Hospital Desegregation and the Changing Access to Health Care in Mississippi, 1965-1970

Chiara Micheletti (CED/MPIDR): The Triangular Life Table: A Unified Framework for the Study of Mortality and Morbidity

Maxi Kniffka (MPIDR): Stillbirth Rates across Europe. The Importance of Maternal Age and Multiple Pregnancies

Klara Gurzo (STO): Intergenerational Social Mobility and Mental Health in a 1953 Stockholm Cohort: Analyses of Diagonal Reference Models

14:45 – 15:45 **Poster Walk**

Exhibited on Ground Floor:

Maxi Kniffka (MPIDR): Stillbirth Rates across Europe. The Importance of Maternal Age and Multiple Pregnancies

Klara Gurzo (STO): Intergenerational Social Mobility and Mental Health in a 1953 Stockholm Cohort: Analyses of Diagonal Reference Models

Exhibited on 1st Floor

Jiani Yan (OXF): Mortality and Machine Learning: A Glance at Death, Holistically and Precisely

Ailun Shui (GRO): The Trajectory of Biomarkers and Health Disparities over the Lifespan

Donata Stonkute (MPIDR): Educational and Gender Gaps in Cognitive Impairment-Free Life Expectancy across Europe

Exhibited on 2nd Floor:

Muhammad Naeem, Mohammed Mousa (GRE): Central Obesity and Fat-Free Mass Are Associated with a Larger Spleen Volume in the General Population

Xinyi Zhao (MPIDR): Gender Differences in the Conflict between the Beginning of an Academic Career and Parenthood

Anneliese Luck (PENN): The Distribution of Local Carceral Harm: County-Level Jail Incarceration and Mortality by Race, Sex, and Age

Exhibited on 3rd Floor:

Andrea Colasurdo (MPIDR): Long Term trends in Transnational Kin Networks in Europe and US: 1700-1900



Courtney Allen (WAS): Hospital Desegregation and the Changing Access to Health Care in Mississippi, 1965-1970

Chiara Micheletti (CED/MPIDR): The Triangular Life Table: A Unified Framework for the Study of Mortality and Morbidity

15:45 – 16:15 **Coffee Break**
Cafeteria

16:15 – 17:15 **Session 10 A – Alumni Office Hours**

Jiixin Shi (Room 057 Auditorium)

Virtual option available

Liann Tucker (Room 200 James W. Vaupel Seminar Room)

Sarah Petry (Room 300 Alfred James Lotka Conference Room)

Lauren Bishop (Room 400 Nora Federici Conference Room)

During the PHDS Alumni Office Hours, everyone will have the opportunity to connect with our PHDS alumni and learn more about their experiences.

PHDS students are advised to prepare one or more questions before attending an alumni office hour. All topics of conversation are acceptable: Students may ask about the alumna's research, his/her experience with the PHDS program (e.g. research stay at PHDS), his/her job search or current job, etc. Small talk is of course also allowed.

To help PHDS students decide which alumni office hours they would like to attend and to prepare questions, we have prepared a brief biography for each alumnus/alumna offering office hours, in the appendix at the end of this document.

16:15 – 18:00 **Session 10 B: PHDS Steering Committee** (closed meeting)

Chair: Emilio Zagheni

Room: 005 Wilhelm Lexis Conference Room

Virtual option available: link tba.

18:00 – 19:00 **Steering Committee Dinner** (closed dinner)

19:00 – 20:00 **Session 10B (cont.): PHDS Steering Committee** (closed meeting)

Chair: Emilio Zagheni

Room: 005 Wilhelm Lexis Conference Room

Virtual option available



Friday, December 15

9:30 – 10:15

Session 11 – Faculty Presentations II

Chair: Athina Anastasiadou

Room: 057 Johann Peter Süßmilch Auditorium

Virtual option available

Raya Muttarak (U Bologna): Climate, Conflict and Migration Intention

Niina Metsä-Simola (HEL): Neurological Conditions and Subsequent Divorce Risk in the Nordic countries

Ridhi Kashyap (OXF): Social Capital and Sexual and Reproductive Health in Africa: Insights from the Facebook Social Connectedness Index

10:15 – 11:00

Session 12 – Research Updates from Cohorts 2020, 2021 and 2022 – Poster Session III – Lightning Talks

Chair: Christina Westphal

Room: 057 Johann Peter Süßmilch Auditorium

Virtual option available

Carolina Coimbra Vieira (MPIDR): Using Wikipedia Data to Monitor Big Migration Events

Antonino Polizzi (OXF): Mexico's Epidemic of Sibling Loss: Demographic Change and Violent Death of Family Members

Ana Cristina Gomez Ugate Valerio (MPIDR): Reassessing Socioeconomic Inequalities in Mortality via Distributional Similarities

Chia-Jung Tsai (MPIDR): Exploring Migrant Vulnerability: An Analysis of the Link Between Perceived Threats and Social Contact Behaviors in Eight Countries Using the COVID-19 Health and Behavior Survey

Philipp Dierker (MPIDR): Linked Lives in Partnership Transitions and Mental Health. Parental Separation, Repartnering, and Reconciliation

Micol Morellini (OXF): Understanding the Gendered Structure of International Migration Flows, 1960-2020

Benson John (MPIDR): Union-Fertility Nexus and Fertility Variation in sub-Saharan Africa: The Role of Marital Dissolution and Repartnering

Ulla Suulamo (HEL): Living Arrangement Differentials in Mortality in Finland, 1991-2020



Egor Kotov (MPIDR): Seasonal Shifts in Mobile Data Consumption: Investigating the Effect of Daylight Variation on Application Usage Patterns

Isabella Marinetti (MPIDR): Measuring the Impact of Seasonal Excess Mortality and its Spatial Variation in Italy

Stefano Arnolfo (MPIDR): Cascading Lives. Socio-Economic Status and the Gendered Pathways into Multipartnered Fertility in Four Nordic Countries

Esther Denecke (MPIDR): Recent Trends in Subnational Mortality in Austria

11:00 – 11:30 **Coffee Break**
Cafeteria

11:30 – 12:30 **Session 12 (cont.) – Research Updates from Cohorts 2020, 2021 and 2022 – Poster Session III – Poster Walk**
Chair: Christina Westphal

Exhibited on Ground Floor:

Antonino Polizzi (OXF): Mexico's Epidemic of Sibling Loss: Demographic Change and Violent Death of Family Members

Ana Cristina Gomez Ugate Valerio (MPIDR): Reassessing Socioeconomic Inequalities in Mortality via Distributional Similarities

Esther Denecke (MPIDR): Recent Trends in Subnational Mortality in Austria

Exhibited on 1st Floor:

Chia-Jung Tsai (MPIDR): Exploring Migrant Vulnerability: An Analysis of the Link Between Perceived Threats and Social Contact Behaviors in Eight Countries Using the COVID-19 Health and Behavior Survey

Philipp Dierker (MPIDR): Linked Lives in Partnership Transitions and Mental Health. Parental Separation, Repartnering, and Reconciliation

Micol Morellini (OXF): Understanding the Gendered Structure of International Migration Flows, 1960-2020

Exhibited on 2nd Floor:

Benson John (MPIDR): Union-Fertility Nexus and Fertility Variation in sub-Saharan Africa: The Role of Marital Dissolution and Repartnering

Ulla Suulamo (HEL): Living Arrangement Differentials in Mortality in Finland, 1991-2020



Egor Kotov (MPIDR): Seasonal Shifts in Mobile Data Consumption: Investigating the Effect of Daylight Variation on Application Usage Patterns

Exhibited on 3rd Floor:

Isabella Marinetti (MPIDR): Measuring the Impact of Seasonal Excess Mortality and its Spatial Variation in Italy

Stefano Arnolfo (MPIDR): Cascading Lives. Socio-Economic Status and the Gendered Pathways into Multipartnered Fertility in Four Nordic Countries

Carolina Coimbra Vieira (MPIDR): Using Wikipedia Data to Monitor Big Migration Events

12:30 – 13:30 Lunch Break

Lunch will be served in the MPIDR Cafeteria

13:30 – 14:00 Networking Meetings

Rooms: Cafeteria, Auditorium (057) and all floors

14:00 – 15:30 Session 13 – Faculty Office Hours

Faculty office hours are a new format designed to serve two purposes. Firstly, they provide an additional opportunity for PHDS students to get in touch with PHDS faculty and senior researchers. Secondly, all faculty office hours have a theme and aim to better connect students working on a similar topic.

In today's Session 13 there are four different office hours at the same time, which are offered by Joshua Wilde, Mine Kühn, Liina Junna and Anna Oksuzyan. PHDS students are advised to prepare one or more questions before attending a faculty office hour. Questions on the theme are especially encouraged. However, any topic of conversation is acceptable: Students may ask about the faculty member's research, role in and experience with the PHDS program, past or current job, etc. Small talk is of course also allowed.

Thematic Roundtable 1: Scientific Publishing with a Focus on Population and Development Review

Facilitator: Joshua Wilde

Room: 005 Wilhelm Lexis Conference Room



Thematic Roundtable 2: Family Dynamics and Health

Facilitator: Mine Kühn

Room: 200 James W. Vaupel Seminar Room

Mine Kühn is a medical sociologist and social demographer with a specialization in health inequalities and family dynamics. She holds the position of Assistant Professor in the Department of Sociology of Tilburg University. Prior to this, she was a Research Scientist at the Max Planck Institute for Demographic Research (MPIDR) in Rostock, Germany, and served as the Deputy Head of the Laboratory of Population Health. Her research primarily concerns how health, mortality, and well-being are associated with family dynamics, including aspects such as parenting, separation, and widowhood as well as re-partnering. A primary theme of her work has been to examine health trajectories of single parents and their children. She is also interested in analyzing the association between maternal labor market participation and well-being. Other topics of her research include gender differences in health and mortality, gender role attitudes, or health differences in East and West Germany.

Thematic Roundtable 3: Labour Market Status and Health over the Life Course

Facilitator: Liina Junna

Room: 300 Alfred James Lotka Conference Room

Liina Junna. I am a post doc with the University of Helsinki and The MaxHel Center for Social Inequalities in Population Health. My work is generally on the social determinants of health and mortality with a focus on labour market status and income; My dissertation concerned unemployment and health. My days are currently split between the LIFECON-project, teaching method courses, and data management tasks related to a variety of projects utilizing Finnish register data. My background is in sociology with minors in statistics and health studies. Prior to social sciences, I was self-employed for a decade. In my spare time, I love b-movies, cringey 1990's black metal, hiking and reading. Please join me if you are interested in labour market status and health, working in Helsinki, register data, or just have good tips for trails.

Thematic Roundtable 4: Gender and Health, Migration and Health, Long Commutes and Health

Facilitator: Anna Oksuzyan

Room: 400 Nora Federici Conference Room

Anna Oksuzyan. I hold a Medical Doctor degree from the Yerevan State Medical University, Master of Public Health from the American University of Armenia, and a PhD in Health Sciences from the University of Southern Denmark (SDU), Odense. I am a Professor of Demography and Health at the School of Public Health, Bielefeld University. Before joining the faculty at Bielefeld University, I led an independent Max Planck Research Group "Gender Gaps in Health and Survival" at the MPIDR, Rostock. My research agenda is at the intersection of social epidemiology, gerontology, and health demography/population health, with a broad focus on inequalities in health associated with gender, aging, family structures, and international migration. A consistent theme running through my academic career has been the investigation of gender differences in health and survival, predominantly at older ages. Currently,



my PhD student at Bielefeld University and I are working to extend this research strand to examine the health of same-sex couples. In autumn, I was awarded the European Research Council (ERC) Consolidator Grant (CoG). This project will investigate the effects of passive commuting – regularly recurring travel between home and work by a motorized vehicle or public transportation – on the health and well-being of commuters, their partners, and children and whether commuting's health impacts are socially patterned. In all my projects I use Nordic registers and multi-country longitudinal national survey data.

PHDS students attending this session are also very welcome to ask questions not necessarily related to a specific research topic, but to an academic career.

15:30 – 16:00 **Coffee Break**
Cafeteria

16:00 – 17:00 **Session 14 – Concluding Discussion**
Chair: Emilio Zagheni
Room: 057 Johann Peter Süßmilch Auditorium
Virtual option available

- Best Poster Award (all Annual Academy 2023 posters are eligible)
- Graduation Ceremony
- Preview of planned PHDS activities in 2024
- Comments and suggestions from students, faculty and friends
- Closing

17:00 **End of 5th Annual Academy**