

Anna C. Meyer, PhD
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Research group Ageing and Health
Institute of Environmental Medicine
Unit of Epidemiology
Karolinska Institutet

CURRICULUM VITAE

CURRENT AFFILIATION

SINCE 2022 Research group ageing and health
Unit of Epidemiology, Institute of Environmental Medicine
Karolinska Institutet

ONGOING PROJECTS

Epidemiological consequences of the Covid-19 pandemic in Sweden
Trajectories of osteoporosis medication before and after osteoporotic fractures
Health among Swedish centenarians

EDUCATION

2022 **PhD Medical Sciences (Epidemiology)**
Karolinska Institutet, Stockholm
Thesis: Trends in Population Health in an Era of Rising Longevity
(Not graded)

2018 **European Research Master in Demography**
Max Planck Institute for Demographic Research, Rostock, and University of
Southern Denmark, Odense
(Not graded)

2017 **M.Sc. Public Health Epidemiology**
Karolinska Institutet, Stockholm
Final grade: passed with distinction

2015 **B.A. Sociology (minor Economics)**
University of Mannheim
Final grade: passed with distinction

SCIENTIFIC PUBLICATIONS

2022 **Meyer AC**, Ebeling M, Drefahl S, Hedström M, Ek S, Sandström G, Modig K. The
impact of hip fracture on geriatric care and mortality among older Swedes: Mapping
care trajectories and their determinants.
American Journal of Epidemiology [in press]

2022 Ek S, **Meyer AC**, Hedström M, Modig K. Comorbidity and the association with 1-
year mortality in hip fracture patients - Can the ASA score and the Charlson
Comorbidity Index be used interchangeably?
Ageing Clinical and Experimental Research. 2022;34(1):129-136
DOI: 10.1007/s40520-021-01896-x

- 2021 **Meyer AC**, Ek S, Drefahl S, Ahlbom A, Hedström M, Modig K. Trends in Hip Fracture Incidence, Recurrence, and Survival by Education and Comorbidity: A Swedish Register-based Study.
Epidemiology. 2021;32(3):425-433.
DOI: 10.1097/EDE.0000000000001321
- 2021 **Meyer AC**, Modig K. The role of having children for the incidence of and survival after hip fracture - A nationwide cohort study.
Bone. 2021; 145:115873.
DOI: 10.1016/j.bone.2021.115873
- 2021 **Meyer AC**, Sandström G, Modig K. Nationwide data on home care and care home residence: presentation of the Swedish Social Service Register, its content and coverage.
Scandinavian Journal of Public Health [Online ahead of print]
DOI: 10.1177/14034948211061016
- 2021 Brändström A, **Meyer AC**, Modig K, Sandström G. Determinants of home care utilization among the Swedish old: nationwide register-based study.
European Journal of Ageing [Online ahead of print]
DOI: 10.1007/s10 433-021-00669-9
- 2021 Ek S, **Meyer AC**, Hedström M, Modig K. Hospital Length of Stay After Hip Fracture and Its Association With 4-Month Mortality—Exploring the Role of Patient Characteristics.
The Journals of Gerontology: Series A; 8:glab302.
DOI: 10.1093/gerona/8lab302
- 2021 Høj Jørgensen TS, **Meyer AC**, Hedström M, Fors S, Modig K. The importance of close next of kin for independent living and readmissions among older Swedish hip fracture patients.
Health and Social Care in the Community [Online ahead of print]
DOI: 10.1111/hsc.13443
- 2021 Andersson G, Drefahl S, Mussino E, Modig K, **Meyer AC**. Dödlighet och sjuklighet i covid-19 i Sverige under mars 2020 – februari 2021 [English: Patterns in COVID-19 Mortality and Morbidity in Sweden during the Pandemic Year March 2020-February 2021].
Government report for the Swedish Corona Commission
English translation in: Stockholm Research Reports in Demography
DOI: 10.17045/sthlmuni.16953607.v1
- 2021 **Meyer AC**, Eklund H, Hedström M, Modig K. The ASA score predicts infections, cardiovascular complications and hospital readmissions after hip fracture – A nationwide cohort study.
Osteoporosis International. 2021;32(11):2185-2192
DOI: 10.1007/s00198-021-05956-w
- 2020 **Meyer AC**, Drefahl S, Ahlbom A, Lambe M, Modig K. Trends in life expectancy: Did the gap between the healthy and the ill widen or close?
BMC Medicine. 2020;18(1):41.
DOI: 10.1186/s12916-020-01514-z

- 2020 **Meyer AC, Hedström M, Modig K.** The Swedish Hip Fracture Register and National Patient Register were valuable for research on hip fractures: comparison of two registers.
Journal of Clinical Epidemiology. 2020;125:91-99.
DOI: 10.1016/j.jclinepi.2020.06.003
- 2020 **Ebeling M, Meyer AC, Modig K.** The rise in the number of long-term survivors from different diseases can slow the increase in life expectancy of the total population.
BMC Public Health. 2020;20(1):1523.
DOI: 10.1186/s12889-020-09631-3
- 2020 **Modig K, Meyer AC, Ahlbom A.** Re: Thirty-five-year Trends in First-time Hospitalization for Hip Fracture, 1-year Mortality, and the Prognostic Impact of Comorbidity.
Epidemiology. 2020;31(1):e4. [Correspondence]
DOI: 10.1097/ede.0000000000001115
- 2019 **Meyer AC, Brooke HL, Modig K.** The role of children and their socioeconomic resources for the risk of hospitalisation and mortality – a nationwide register-based study of the total Swedish population over the age 70.
BMC Geriatrics. 2019;19(1):114.
DOI: 10.1186/s12877-019-1134-y
- 2019 **Meyer AC, Torssander J, Talbäck M, Modig K.** Parents survive longer after stroke than childless individuals: a prospective cohort study of Swedes over the age of 65.
European Journal of Public Health. 2019;29(6):1090-1095.
DOI: 10.1093/eurpub/ckz053

SCHOLARSHIPS AND AWARDS

- 2018 – 2022 Swedish National Graduate School for Competitive Science on Ageing and Health (SWEAH)
Annual allowance of 20.000 SEK towards travel costs or study materials
- 2017 – 2018 Max Planck Institute for Demographic Research
Fellowship for European Doctoral School of Demography (full scholarship)
- 2018 Svensk Demografisk Förening (Swedish Demographic Association)
Best thesis at undergraduate or Master level (5.000 SEK)
- 2016 – 2017 German Academic Exchange Service (DAAD)
Scholarship for Graduates of all Disciplines (full scholarship for Masters program)
- 2014 Rationale Altruisten Mannheim e.V.
Scholarship for dataset fees for thesis
- 2010 University of Mannheim
Scholarship for excellent achievements at the University of Mannheim (scholarship for tuition fees)

TEACHING AND SUPERVISION

- 2019 – 2021 Teacher in Masters Course “Epidemiological Methods for Studying the Determinants of Health” at Karolinska Institutet
Lecturing, supervising group works and individual assignments, designing and correcting exam (60 hours annually)
- 2019 – 2021 Responsible for seminar on life table methods in Masters Course “Epidemiological Methods for Studying the Distribution of Health”
(9 hours annually)
- 2019 Co-supervision of two Masters theses, Karolinska Institutet

PRESENTATIONS AT ACADEMIC CONFERENCES

- 2019 Swedish National Graduate School for Competitive Science on Ageing and Health (SWEAH) Conference, Lund
Oral presentation
- 2019 Nordic Demographic Symposium, Reykjavik
Oral presentation
- 2018 European Congress of Epidemiology, Lyon
Poster presentation
- 2018 EpiDem PhD student conference, Falsterbo
Oral presentation
- 2017 EpiDem PhD student conference, Falsterbo
Oral presentation

RESEARCH JOBS

- 2017 **Research assistant in ageing epidemiology** (6 months full time)
Institute of Environmental Medicine, Karolinska Institutet, Stockholm
- 2014 – 2015 **Working student in medical writing** (1.5 years part time)
AMS – Advanced Medical Services GmbH, Mannheim
- 2009 – 2010 **Research assistant in economic geography** (1.5 years part time)
Chair of Economic Geography, University of Mannheim

OTHER SCIENTIFIC ACTIVITIES

- 2020 – 2022 Student Representative in the Steering Group of the Doctoral Program in Epidemiology, Karolinska Institutet
Organization of 2 webinars “Open science in register-based research” and “Ethical aspects of research on Covid-19”
- 2018 – 2022 Unit of Epidemiology work in progress seminar, Karolinska Institutet
Oral presentations 1-2 times per year
- 2021 Stockholm University Demography Unit Colloquium
Oral presentation
- 2019 Research visit at Max Planck Institute for Demographic Research, Rostock
Oral presentation

2019 Workshop Emerging Research Questions at the Intersection of Demography and
Epidemiology at Max Planck Institute for Demographic Research
Oral presentation

SKILLS

LANGUAGES	German (native speaker) English (fluent) Swedish (good)
SOFTWARE	Stata (experienced user) R (experienced user) SAS (basic skills to manage large databases) Microsoft Office (experienced user)
RESEARCH METHODS (SELECTION)	Register-based research Linkage of administrative registers and clinical databases Epidemiological study designs including cohort and case-control studies
STATISTICAL METHODS (SELECTION)	Survival analysis Interaction analysis Lifetable methods Multistate modeling Sequence Analysis