



Personal information

Lise Gehrt, MSc, Ph.D stipendiante



 Odense Patient data Explorative Network (OPEN), Department of Clinical Research, University of Southern Denmark, Odense DK

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Date of birth 05/12/1991 | Nationality Danish

PhD stipendiante applying real-world data from the nationwide Nordic registries in pharmaco-epidemiological studies of the effects of childhood vaccines and vaccination programmes on childhood morbidity. Extensive knowledge on transforming and harmonizing register data across settings into use for research purposes and applying state-of-the-art as well as novel methodologies to ascertain causal inference.

Work experience

- 2017→** **Research Center for Vitamins and Vaccines (CVIVA), Bandim Health Project AND Odense Patient data Explorative Network (OPEN), Department of Clinical Research, University of Southern Denmark**
Ph.D. Stipendiante
- 2017** **Odense Patient data Explorative Network (OPEN), Department of Clinical Research, University of Southern Denmark**
Research Assistant
- 2016-2017** **Center for Vitamins and Vaccines (CVIVA), Statens Serum Institute**
Intern at register based studies on non-specific effects of vaccines
Master Thesis student on independent Research project
- 2016-2017** **CVIVA, Bandim Health Project, Statens Serum Institut**
Administrative employee
- 2016-2016** **Department of Global Health, University of Copenhagen**
Research Assistant on qualitative study on cervical cancer screening compliance among HIV-infected women in Denmark
- 2014** **Heri Adventist Hospital, Kigoma, Tanzania**
Internship focussing on:
- Problem identification and optimization of administrative work
- Organization of stock and donations
- implementation school-hospital collaboration, focusing on sexual education and vaccination compliance

Education

2017 →	Ph.D stipendiate, University of Southern Denmark Investigation of the overall health effects of childhood vaccines on susceptibility towards conditions other than the vaccine-targeted diseases across Denmark, Finland, Norway, and Sweden.
2017	MSc Global Health, University of Copenhagen Master Thesis: Non-specific effects of childhood vaccinations: potential and unevaluated effects of vaccines
2015	BSc Public Health, SDU Bachelor Thesis: Qualitative study on young adults with Multiple Sclerosis

Courses (PhD)

2021	Estimation of the causal effects in an observational study and g-methods
2019	Project management "Projektstyring og Projektleidelse"
2019	Register-based research - Pharmacoepidemiology: drug use and safety
2017	Data management plan and responsible handling of research data
2017	Research Integrity / Responsible Conduct of Research
2016	Infectious Disease Epidemiology

Teaching and oral presentations

2020→	Chairman at monthly Scientific meetings at Open Patient data Explorative Network, University of Southern Denmark
2019-2020	Teaching assistant: biostatistics and epidemiology for Master of Science students
2019	Teaching assistant: advanced biostatistics for BSc Public health students
2017→	Several individual lectures on non-specific effects of vaccines
2019	Oral presentation at the yearly meeting of the Danish society of Pharmacoepidemiology
2019	Group lectures on data management plans and statistical analysis plans for medical students

Publications

- 1) Gehrt, et al. Trends in hospital care utilisation for infectious diseases among children aged 0-14 years in Denmark, Finland, Norway, and Sweden, 2005 – 2017 (submitted).
- 2) Sørup, S., Englund, H., Laake, I., Nieminen, H., Gehrt, L., Feiring, B., . . . Benn, C. S. Trends in use of prescribed antibiotics among Danish, Finnish, Norwegian, and Swedish children aged 0–14 years (submitted)

- 3) Sørup, S., Englund, H., Laake, I., Nieminen, H., Gehrt, L., Feiring, B., . . . Benn, C. S. (2021). Revaccination with measles-mumps-rubella vaccine and hospitalization for infection in Denmark and Sweden - An interrupted time-series analysis. *Vaccine*. doi:10.1016/j.vaccine.2021.01.028
- 4) Lise Gehrt, Andreas Rieckmann, Nicholas Kiraly, Aksel Karl Georg Jensen, Peter Aaby, Christine Stabell Benn, Signe Sørup. Timeliness of DTaP-IPV-Hib vaccination and development of atopic dermatitis between 4 months and 1 year of age – Register-based cohort study. *JACI: in practice*, 2020
- 5) Gehrt, L., Benn, C. B., Aaby, P., Sørup, S. Regarding “Early childhood vaccination and subsequent mortality or morbidity: are observational studies hampered by residual confounding? A Danish register-based cohort study. *BMJ OPEN*, 2019
- 6) Jacob W W Larsen; Anders F Sørensen; Aksel K G Jensen; Anja Poulsen; Lise Gehrt; Christine S Benn; Signe Sørup. Hospitalizations for infections by age and sex: register-based study of Danish children 1977-2014. *Infect Dis (Lond)*, 2019: p. 1-10.

Honors and awards

2019

Best oral presentation awards

at the yearly meeting of the Danish society of Pharmacoepidemiology