

Methods to study social inequality in health

DES Fall meeting 2024

Date: Thursday November 7th 2024

Location: Merete Barker Auditorium (The Lakeside Auditorium), Aarhus University, Bartholins Allé 3, 8000 Aarhus C

Link to registration: <https://www.dansk-epidemiologisk-selskab.dk/arrangementer/des-fall-meeting-2024/>

10:00-10:30 Arrival and small breakfast

10:30-10:35 Introduction and welcome

10:35-12.00 Session 1: Causal inference in social epidemiology

Moderator: Gro Askgaard

Else Foverskov, Assistant Professor at the Section of Social Medicine. Department of Public Health, University of Copenhagen

- *The promise of natural experiments in social epidemiology*

Anne Helby Petersen, Assistant Professor at the Section of Biostatistics, Department of Public Health, University of Copenhagen

- *Data-driven witchcraft: Can machine learning infer causal models for life-course epidemiology?*

Linda Ejlskov, Assistant Professor at the Department of Clinical Epidemiology, Aarhus University and Aarhus University Hospital

- *Sibling designs and claims of causality within social epidemiology. Concerns and empirical investigation*

12:00-12:45 Lunch

12:45-13:45 General assembly

Incl. announcement of the first two honorary members of DES

- Professor Emerita, Marianne Schroll

- Professor Emeritus, Jørn Olsen

13:45-15:00 Session 2: Economist's perspectives on social inequality in health

Moderator: Terese Sara Høj Jørgensen

Torben Heien Nielsen, Associate Professor at the Department of Economics and Centre for economic behavior and inequality, University of Copenhagen

- *Cushioning Adverse Health Events – The Role of Families and Social Insurance*

Birthe Larsen, Associate Professor at the Department of Economics, Copenhagen Business School

- *Why should we be concerned about rising inequality?*

15:00-15:30 Coffee break

15:30-16:00 Schroll Prize 2024

Moderator: Oleguer Plana-Ripoll

16:00-16:45 Session 3

Moderator: Oleguer Plana-Ripoll

Sam Harper, Professor at the Centre on Population Dynamics, Department of Epidemiology, Biostatistics and Occupational Health, McGill University

- *Multilevel Models in Social Epidemiology: Past, Present, and Future*

16:45-18:00 Light dinner and mingling

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Pre-meeting workshop for early career researchers

Date: Wednesday November 6th 2024 (The day before the main meeting)

Location: Aarhus University, specific location TBD

Link to registration: <https://www.dansk-epidemiologisk-selskab.dk/arrangementer/des-fall-meeting-2024-pre-meeting-workshop-for-early-career-researchers/>

10:00-10:30 Arrival and small breakfast

10:30-12:00 **Session 1: How to measure socio-economic position using the Danish registers – Insights from the SEP-line project**

Cathrine Fønnesbech Hjorth, Postdoc at the Department of Clinical Epidemiology, Aarhus University and Aarhus University Hospital

Maja Halgren Olsen, Postdoc at the Danish Cancer Society Research Center, Copenhagen

12:00-13:00 Lunch

13:00-15:00 **Discussion of own research**

Each participant will submit an abstract of their own work, including a specification of 1-3 methodological questions/issues, which they would like to discuss. Time slots of 15-20 minutes will be allocated to each researcher (i.e., we will make groups of 6-8 students each) – the student should present their work, followed by feedback from peers and moderators + discussion of their questions

15:00-15:30 Break

15:30-16:30 **Sam Harper**, Professor at the Centre on Population Dynamics, Department of Epidemiology, Biostatistics and Occupational Health, McGill University

- *Difference-in-Differences for Social Epidemiology*

16:30-18:00 **Social activity**

18:00- Dinner