

## Methods to study social inequality in health

### *DES Fall meeting 2024*

**Date:** Thursday November 7<sup>th</sup> 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 Askgard*

**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 6<sup>th</sup> 2024 (The day before the main meeting)

**Location:** National Centre for Register-based Research, Aarhus University, Fuglesangs Allé 26, 8210 Aarhus V

**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*

**16:30-17:45** **Transfer to Skorbar** (*Incl. time to check in at hotel*)

**17:45-** **Social activity/dinner at Skorbar**