REGISTER BASED RESEARCH (1.0 OR 5.0 ECTS)

Target group: All PhD students and postdoctoral researchers

Funded by Health and Biosciences Doctoral Programme (HBS-PD)

Lectures are held mainly in English.

Place: To be announced later. For remote attendance, the lecture can be followed through Adobe Connect.

Registration at the latest 20.11.2019 to elina.laukka@oulu.fi

CONTENT AND COURSE PROGRAM

Tuesday 3 December 2019

10.00–10.15 Introduction to the course

10.15–12.15 Registers as data source in Finland & planning the register-based research: process, ethical and legal issues

Mika Gissler, research professor, THL

12.15–13.00 Lunch break

13.00–14.00 Rekisteripohjaiset syntymäkohorttitutkimukset – Kansallinen syntymäkohortti 1987 ja 1997

Marko Merikukka, project researcher, THL

14.00–14.15 Coffee break

14.15–16.15 Combining register data with data from population, cohort and other types of studies

Eero Kajantie, professor, PEDEGO Research Unit, research manager, THL

16.15–16.20 Ending the day
**Wednesday 4 December 2019**

11.30–11.45 Opening of the day

11.45–12.45 Terveydenhuollon organisaatioiden operatiivisen datan tutkimuskäyttö, haasteet ja eettiset kysymykset

Minna Mäkinen, research services manager, Oulu University Hospital, Northern Ostrobothnia Hospital district

12.45–13.00 Break

13.00–14.00 Northern Finland Birth Cohorts, opportunities and challenges in research

Minna Ruddock, research director, Infrastructure for Population Studies, Northern Finland Birth Cohorts, Faculty of Medicine, University of Oulu

14.00-14.15 Coffee break

14.15–16.15 Analyzing repeated cross-sectional surveys merged with register data: examples from Finnish working and living conditions surveys

Tomi Oinas, post-doctoral researcher, University of Jyväskylä

16.15–16.20 Closing of the course

**The goals of the course and learning outcomes:**

Upon completion of the course, the PhD student is able: 1) to identify the principles of the utilization of register data and operational data from service providers (e.g. hospitals, health centers) in research and 2) to discuss legal, ethical and methodological issues related to the register and operational data-based research.

**ECTS study credits:**

1) 5.0 ECTS: preliminary reading, lectures and protocol as an independent work (an individual learning assignment), active participation (minimum 80%) in lectures

or

2) 1.0 ECTS: preliminary reading, lectures, active participation (minimum 80%) in lectures

**Assessment:** Pass/Fail