REGISTER BASED RESEARCH (046041J, 1-2 ECTS)

Time: 30 November 2017
Place: Lecture Room 105A, University of Oulu, Aapistie 5A
Course leaders: Prof. Jouko Miettunen and prof. Maria Kääriäinen, University of Oulu
Teachers: prof. Mika Gissler, National Institute for Health and Welfare, Finland
          prof. Reijo Sund, University of Helsinki
Target group: PhD students
Learning outcomes: Upon completion of the course, the PhD student is able: 1) to identify the principles of the utilization of register data in research and 2) to discuss legal, ethical and methodological issues related to the register based research.
Credits: 2 ECTS (preliminary reading, lectures and protocol as an independent work) or 1 ECTS (preliminary reading, lectures and self-evaluation)
Learning methods: Preliminary reading of learning materials 8h, intensive lecturing involves cross-disciplinary experts 8h, preparation of a research protocol for register based research as an independent work 36h, self-evaluation 2h
Literature: Preliminary learning materials before the lectures:

Language: English
Registration: by 17th November 2017 via e-mail to maria.kaariainen (at) oulu.fi
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CONTENT AND PROGRAM

Place: Lecture Room 105A, Aapistie 5A

30th November 2017

10.00-10.15  Introduction to the course, prof. Jouko Miettunen and Maria Kääriäinen

10.15 - 12.15  Registers as data in Finland, prof. Mika Gissler

Planning the register-based research (process, ethical and legal issues), prof. Mika Gissler

12.15 - 13.15  Lunch break

13.15 - 14.30  Methodological challenges in register-based data-analysis (with practical examples), prof. Reijo Sund

14.30 - 14.45  Coffee

14.45 - 16.45  Combining register data with various observational study designs (with practical examples), prof. Reijo Sund

16.45 – 17.00  Closing, prof. Maria Kääriäinen

Independent work (includes for 2 ECTS): Plan a registered-based protocol and send it to maria.kaariainen (at) oulu.fi by 10th January 2018. More information of protocol will be given in the contact teaching sessions.

Assessment: Pass/Fail.

2 ECTS (preliminary reading, active participation (minimum 80%) in lectures, protocol as an independent work and self-evaluation based on evaluation form) OR

1 ECTS (preliminary reading, active participation (minimum 80%) in lectures and self-evaluation based on evaluation form).