

1. Advertisement

1. Course Title

Methodological Issues in Psychosocial Epidemiology

2. Aim and Content

The aim is to introduce participants to psychosocial epidemiology defined as epidemiological research into health effects of psychosocial risk factors in and outside the workplace and to provide a critical overview of methodological issues pertaining to this field of epidemiological research. Main topics are methods for exposure assessment including objective indicators of stressful environments, self-reports, group based exposure assessment, observational methods and biological indicators of acute and chronic stress conditions. The course will also cover influential stress models and operationalisation of dimensions of stress models. Other important issues are options to analyse data in psychosocial research and bias/confounding of particular importance in psychosocial epidemiological research.

3. Participants

PhD-students and researchers at all levels interested in psychosocial stressors and health. Participants are expected to prepare for the course by reading selected papers and important original contributions. Participants are provided by course material 2 weeks before the course.

4. Form

The course is 3 day full internat, and on the 4th day participants are encouraged to attend the Danish National Stress Conference at Bispebjerg University Hospital. During the course lectures are alternating with group and training sessions based upon scientific papers. Moreover, participants will have the opportunity to present own protocols on ongoing and new research projects.

5. Language

English.

6. ECTS credits

XX

7. Course Director

Jens Peter Bonde (direct telephone: +45 3531 6061; email: jpb@bbh.regionh.dk) and Sigurd Mikkelsen (direct telephone: +45 3531 3753; email: smik0019@bbh.regionh.dk); Department of Occupational and Environmental Health; Bispebjerg Hospital, University of Copenhagen; Bispebjerg Bakke 23; DK-2400 Copenhagen NV; Denmark

Teachers

Professor Reiner Rugulies
National Centre for Work Environment Research, Denmark

Professor Maria Melchior, Inserm Unité 687, France

Professor Liisa Keltikangas-Järvinen, psychologist

Department of Psychology at the University of Helsinki, Finland

Professor John MacLeod
Department of Social Medicine, University of Bristol, UK

Assistant Professor Karin Sørig Hougård
National Research Centre for the Working Environment, Denmark

Senior Consultant Henrik Kolstad
Aarhus University Hospital, University of Copenhagen, Denmark

Professor Finn Diderichsen
Institute of Public Health, University of Copenhagen, Denmark

Senior Consultant Sigurd Mikkelsen
Department of Occupational Medicine and Environment Health, Bispebjerg Hospital,
University of Copenhagen, Denmark

Senior Consultant Bo Netterström
Department of Occupational Medicine and Environment Health, Bispebjerg Hospital,
University of Copenhagen, Denmark

Professor Ole Mors
Centre for Psychiatric Research, Aarhus University Hospital, Denmark

Date

8-10 November, 2010

8. Place

KolleKolle Konferencehotel, Frederiksborgvej 105, 3500 Værløse, Denmark (www.kollekolle.dk)

9. Total Course Fee

XXX

10. Course Secretary

Hanne Tulinius, Bispebjerg Hospital, University of Copenhagen, Denmark

13. Registration

September 1, 2010. Applicants are requested to provide CV and title of ongoing PhD-project (if any).

No admission after deadline. Admissions for PhD-students will be allocated on a first come first served basis. Applications from external participants will be considered after the closing date. The application must be sent to the

PhD-administration
Blegdamsvej 3B
DK-2200 København N

Detailed Course Description

Time	Titel	Lecturer
Monday, 8.11.2010: Introduction to psychosocial epidemiology		
09:00-10:00	What is Psychosocial Epidemiology?	Reiner Rugulies
10:00-12:00	Psychosocial Epidemiology in a Life Course Perspective	Maria Melchior
12:00-14:00: Lunch Break		
14:00-15:00	Young Finn Study	Liisa Keltikangas-Jarvinen
15:00-16:30	Exposure Assessment Methodologies	Reiner Rugulies
16:30-18:00	Group Work: Exposure Assessment	Sigurd Mikkelsen
Tuesday, 9.11.2010: Design and Analyses		
09:00-10:00	Group Reports	Sigurd Mikkelsen
10:00-11:00	Reporting Bias	John MacLeod
11:00-12:00	Confounding	John MacLeod
12:00-13:00: Lunch Break		
13:00-14:00	Health Effects of antenatal stress	Karin Sørig Hougård
14:00-15:00	Analytic Strategies	Henrik Kolstad
15:00-16:00	Interaction and Mediation	Finn Diderichsen
16:00-18:00	Group Work: Bias, Confounding, Interaction and Mediation	Sigurd Mikkelsen
20:00: Course Dinner		
Wednesday, 10.11.2010: Biological Markers and New Avenues		
09:00-10:00	Group Work Reports	Jens Peter Bonde
10:00-11:00	The Stress Hormone Response	Sigurd Mikkelsen
11:00-12:00	Physiological and other Biomarkers of Stress	Bo Netterstrøm
12:00-13:00: Lunch Break		
13:00-14:00	Gene-Environment Interaction	Ole Mors
14:00-14:30	Evaluation and Closure	Jens Peter Bonde