I wish to participate in the 3-day course (please fill in legibly or send an e-mail with the required information)

Registration Form
3rd RUHR- School of Modern Epidemiology

First name

Last name

Title

Institution

Address

Invoice address

E-mail

Phone

Please enclose proof of your student status.

Cancellation of registration: For the money transfer back to the applicant we will retain a fee of 80 €.
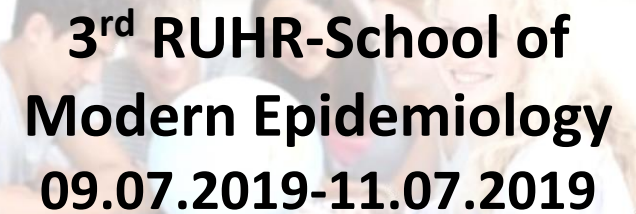
Please fax to: +49-201-723-77-333 or send to E-mail: zke-summerschool@uk-essen.de

Venue
Novum Select Hotel Handelshof
Am Hauptbahnhof 2
45127 Essen

By public transport
Arriving at Essen central station, leave the building towards Innenstadt /Kettwiger Straße (through the main entrance). The hotel is located opposite the central station on the right hand side.

Invitation

3rd RUHR-School of Modern Epidemiology
09.07.2019-11.07.2019

Jay S. Kaufman

Causal Inference in Epidemiology

UNIVERSITÄT DUISBURG ESSEN
Open-Minded

epi&cr
PhD in Epidemiology and Clinical Research

ZKE Center of Clinical Epidemiology

Causal Inference in Epidemiology

July 9 - July 11 2019

Introduction

Before Jay S. Kaufman, PhD, pursued a career in the field of epidemiology, he graduated from the Johns Hopkins University, Baltimore, as well as the Peabody Institute of Music, Baltimore, holding Bachelor's degrees in Behavioral Biology and Performance. In 1995 he then obtained a doctorate in Epidemiologic Science. Since 2009 he is Professor and Canada Research Chair in Health Disparities in the Department of Epidemiology, Biostatistics and Occupational Health at McGill University, Canada. Furthermore he holds positions as a Visiting Professor at the School of Public Health of the University of Chile, a Visiting Associate Professor at the University of Michigan School of Public Health and an Adjunct Professor at the University of North Carolina. His major research themes include Social Epidemiology, Epidemiologic Methods, International Health, Health Disparities, Causal Inference and Health Policy Evaluation.

Kaufman published more than 200 articles in peer-reviewed journals and amongst other things he is an Associate Editor at the American Journal of Epidemiology and part of the Editorial Board of the International Journal of Biostatistics.

Course Outline

Learning Objectives

- Understand the definitions, interpretations and limitations of epidemiologic effect measures on absolute and ratio scales

- Understand study biases such as confounding and selection and how they distort study findings in point-time and longitudinal contexts

- Identify causal models that overcome these biases and the various structural assumptions on which they rest

- Identify sources of uncertainty involving sampling variability and lack of identification and understand how to quantify this uncertainty

- Understand controlled and natural direct and indirect effects, their interpretations, assumptions and limitations

- Grasp the relation between the g-formula and the DAG for a causal question, and how hypothetical interventions are modeled

- Become familiar with econometric strategies for identification of causal effects

Course fees:
Applicants not from Universities: 600 €
Applicants from Universities: 400 €
Students: 250 €

Application deadline:
Friday May 24, 2019, 12:00 am
Registration: Tuesday July 9, 2019, 09:00 am

Time Course:
Tuesday   July 9, 2019   10:00 am – 05:15 pm
Wednesday   July 10, 2019   10:00 am – 05:15 pm
Thursday   July 11 2019   10:00 am – 03:15 pm

Program Director:
Prof. Dr. med. Andreas Stang, MPH,
Head of the Center of Clinical Epidemiology
c/o IMIBE, University Hospital Essen

Administrative staff & contact address:
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Information online: https://www.uk-essen.de/zke/ruhr-school/ruhr-school-2019/

Course language: English

Hotel:

Novum Select Hotel Handelshof
Am Hauptbahnhof 2
45127 Essen
Tel.: + 49-201-24685-300

Special condition:
(89,- € per room and night, including breakfast, keyword „UKE")