

First Announcement

**Advanced Level Epidemiology Program  
at the University of Heidelberg**

**Summer School 2010**

**July 26-30, 2010**



Sponsored in part by the Deutsche Forschungsgemeinschaft  
(Graduiertenkolleg 793)

## **Genetic Epidemiology of Complex Human Diseases**

**Prof. Kari North**  
**University of North Carolina at Chapel Hill, USA**

**9.00 am– 12.30 am**

The purpose of this course is to examine the concepts and methods of genetic epidemiology relevant to the study of complex human diseases. Genetic Epidemiology is a field of study that deals with the genetic etiology and distribution of diseases in populations. This course will provide participants with a focused exposure to basic genetic concepts, key genetic epidemiological concepts, linkage analysis, and association studies. Participants will be exposed to the tools needed to critically review the literature in genetic epidemiology and human genetics.

This course will be of interest to participants with backgrounds in epidemiology, biostatistics, human genetics, and clinical research. The course is organized as a sequence of ten lectures although discussion will be encouraged. Readings will be drawn from the literature and the textbook “ Genetics of Complex Human Diseases: A Laboratory Manual”, edited by Ammar Al-Chalabi and Laura Almasy, Cold Spring Harbor Laboratory Press, 2009.

## **Pharmacoepidemiology**

**Prof. Til Stürmer**  
**University of North Carolina at Chapel Hill, USA**

**1.30 pm– 5.00 pm**

Pharmacoepidemiology is a public health discipline focusing on non-experimental (epidemiologic) methods to assess beneficial and harmful drug effects to support decision-makers in those frequently encountered situations where evidence from experimental studies (randomized controlled trials) on relevant outcomes, subgroups, or alternative strategies is not available.

This course is for clinicians, pharmacists, epidemiologists, and related fields from academia, industry, regulatory agencies, and contract research organizations. It will provide an introduction and overview of pharmacoepidemiologic methods, databases, and current research examples. Focusing on cohort studies, the course will look at the specific aspects and pitfalls of epidemiologic study designs when applied to the study of drug effects, including the use of administrative databases and recent developments in methods to control for selection bias and confounding.

The course is organized as a sequence of ten modules, each approximately 1.5 hours in duration. Discussion will be encouraged; some exercises will be provided for review and discussion. Readings will be drawn from the literature and the “Textbook of Pharmacoepidemiology” by Brian L. Strom and Stephen E. Kimmel, John Wiley & Sons, Ltd., 2006.

**Date:** July 26 – July 30, 2010

**Location:** German Cancer Research Center,  
Division of Clinical Epidemiology and Aging Research  
Bergheimer Str. 20, 69115 Heidelberg

**Language:** English

**Fees:** 300 € per course,  
members of DGEpi: 250 € per course  
students: 100 € per course

**Courses:** **Genetic Epidemiology of Complex Human Diseases**  
Prof. Kari North  
University of North Carolina at Chapel Hill, USA

**Pharmacoepidemiology**  
Prof. Til Stürmer  
University of North Carolina at Chapel Hill, USA

**Participants:** Scientists and students interested in epidemiologic and public health  
research.  
Limited to 30 participants/course

**Organisation:** Prof. Hermann Brenner  
Sigrid Petersen  
Div. of Clinical Epidemiology and Aging Research  
German Cancer Research Center  
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69115 Heidelberg  
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**Advanced Level Epidemiology Program at the University of Heidelberg**

**July 26-July 30, 2010**

**Registration**

**Please send back by mail or fax to:**

Div. of Clinical Epidemiology and Aging Research, German Cancer Research Center,  
Bergheimer Str. 20, D-69115 Heidelberg, Fax ++49 (0)6221 54 81 42

Name:

First name:

Title:

Current position:

Address:

E-Mail:

Phone/ Fax No:

I wish to register for the following course(s)

**Genetic Epidemiology of Complex Human Diseases**   
(Course No. 1: 9.00 am-12.30 am)

**Pharmacoepidemiology**   
(Course No. 2: 1.30 pm – 5.00 pm )

Fees: 300 € per course  
250 € per course for members of DGEpi  
Students: 100 € per course

Deadline for registration and fee transfer: May 31, 2010  
If you cancel before registration deadline we reimburse 80%  
If you cancel after registration deadline we reimburse 20%

I transferred the fee to the following account:

Bank name: Deutsche Bundesbank, Filiale Karlsruhe  
Beneficiary name: Deutsches Krebsforschungszentrum  
Account No.: 670 019 02  
BLZ: 660 000 00  
IBAN No.: DE39 6600 0000 0067 0019 02  
BIC: MARKDEF1660

**Note to the payee:** "Epidemiology Program Dept. C070-Fond H221, **name of participant**"

I have enclosed certification of student status

.....  
Date

.....  
Signature

Please return **May 31, 2010 at the latest!!**