

INFORMATION

Enrolment is open for

- Professionals in health departments, other health agencies and industry, and allied health professionals,
- Physicians interested in infectious diseases,
- Microbiologists and epidemiologists,
- Students enrolled in School of Public Health programmes from Germany and other European and non-European countries.

Prerequisites

A diploma in health-related sciences or M.D. and basic knowledge in epidemiology.

Tuition

The cost of enrolment for the International Summer School 2008 is: 400 € / students 250 €. The tuition includes instruction, course materials, and use of computing center facilities.

Application

The number of participants is restricted to 40 persons. Please apply as soon as possible.

Location

Bielefeld University
School of Public Health
Universitätsstr. 25
D-33615 Bielefeld, Germany

CONTACT

Programme Directors

Prof. Dr. Alexander Krämer
Professor and Chair
Department of Public Health Medicine
School of Public Health
Bielefeld University

Dr. Mirjam Kretzschmar
University Medical Center Utrecht and
Center for Infectious Disease Control,
RIVM, Netherlands

Coordinating Staff

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<http://www.uni-bielefeld.de/gesundhw/ag2/summerschoolide/>

The IDE Summer School is recommended by the German Society for Infectious Diseases (DGI), the German Society for Tropical Medicine and International Health (DTG), the German Society for Microbiology (DMG) and the German Society for Epidemiology (DGEpi).

IDE

Infectious Disease
Epidemiology

September 15–19, 2008

**Modern Surveillance
International Dimensions
Public Health Control**

Bielefeld University

OBJECTIVES

Since 1999 the International Summer School "Infectious Disease Epidemiology" is a well established certified curriculum for higher qualification in infectious disease epidemiology and has attracted several hundred microbiologists, public health experts, students and IDE specialists from European and non-European countries. Each year the topics are adapted to the actual situation, focussing this year the challenges for Public Health in megacities and vulnerable populations, and epidemics of norovirus, measles and chikungunya.

The courses are taught by experienced lecturers from Germany and other European Countries, facilitating discussion and networking across geographical and disciplinary boundaries.

At the end of the IDE course the participant will have a profound understanding of the special IDE concepts and methods. He/she will be enabled to manage an outbreak, to correctly create and interpret surveillance data, and to use simple mathematical models for the spread of IDs as well as to use basic health economic evaluations. In addition he/she will know how to apply the learned concepts and methods to actual global public health challenges (e.g. avian influenza, tuberculosis, norovirus)

TEACHING METHODS

Teaching methods comprise lectures, seminars and practical learning sessions in small groups.

LANGUAGE

Teaching language will be English.

CERTIFICATE

All participants who successfully complete the programme will be awarded a certificate issued by the School of Public Health, University of Bielefeld, to be used for further qualification in infectious diseases, epidemiology or public health. In addition a certificate for 3 ECTS points can be issued. The IDE programme is certified by the Ärztekammer Westfalen-Lippe for continuing education.

PROGRAMME

- Epidemiological methods for infectious diseases
- Megacities: a mega-challenge for infectious disease epidemiology
- Outbreak investigation and management
- Modern surveillance
- Mathematical modelling
- Health economical evaluations
- Vaccinations
- (Re)-emerging infections: tuberculosis, norovirus, dengue, influenza, chikungunya
- Antibiotic resistance, nosocomial infections, molecular typing
- STDs including HIV/AIDS, HPV infection, and hepatitis B and C
- Tropical diseases: malaria

LIST OF LECTURERS / FACULTY

- **Alexander Krämer, MD, PhD**
Bielefeld University, Germany
- **Mirjam Kretzschmar, PhD**
University Medical Center Utrecht and Center for Infectious Disease Control, RIVM, Netherlands
- **Rafael Mikolajczyk, MD, PhD**
Bielefeld University, Germany
- **Reinhard Bornemann MD, DrPH, PhD**
Bielefeld University, Germany
- **Luise Prüfer-Krämer, MD, PhD**
Travel Clinic, International and Tropical Medicine, Bielefeld, Germany
- **Tanja Marschall, MPH**
Bielefeld University, Germany
- **Mobarak Hossain Khan PhD**
Bielefeld University, Germany
- **Manas Akmatov MD**
Bielefeld University, Germany
- **Jürgen May MD, MSc**
Bernhard-Nocht-Institut, Hamburg, Germany
- **Timo Ulrichs, MD, PhD**
Federal Ministry of Health, Berlin, Germany
- **Roel Coutinho MD, PhD**
Centre for Infectious Diseases and Control, RIVM, Bilthoven, Netherlands
- **Marc Bonten MD, PhD**
University Medical Center Utrecht, Netherlands
- **Thomas Finkbeiner MD, MPH**
Centers for Disease Control Atlanta and Dar es Salaam, Tanzania

And other lecturers to be announced.

2008