

## Course Announcement:

### “Surveillance and Outbreak Investigations”

held by Gérard Krause, 24<sup>th</sup> – 28<sup>th</sup> June, 2019, at HZI, Braunschweig

#### Target audience

The course is designed for scientists and health professionals

- who already do or plan to work on infectious diseases within the public health service at local, national or international level;
- who already do or plan to scientifically analyze or evaluate data generated through outbreak investigations and surveillance.

#### Requirements for course participation

It is prerequisite that participants of the module

- are fluent in English;
- are able to apply basic statistical methods and know the basic epidemiological study designs;
- have a Bachelor or Master, plus educational knowledge of infectious diseases (such as general concepts of infection, immunity, antimicrobial resistance etc.);

It is useful that participants of the module

- bring a laptop with following specifications
  - Excel and Word
  - any statistical software of personal preference
  - independent UMTS Internet access or W-LAN (preferably with Eduroam access).

#### Learning objectives ...

##### ... for outbreak investigation

Upon completion of the course, participants should be able to scientifically accompany an outbreak investigation team, by

- executing relevant steps of an outbreak investigation
- investigating the source of an outbreak;
- analyzing data of an outbreak investigation to determine measures to control the outbreak

##### ... for surveillance

Upon completion of the course, participants should be able to design and evaluate a surveillance system and to interpret and report data resulting from it, by defining the purpose of surveillance and

- providing a concept for a new surveillance system;
- systematically evaluating a surveillance system following established standards.

#### Course Format

Lectures:	40%
Moderated case studies:	15%
Applied scenario:	30%
Group project:	15%

#### Course Fees (n.a. for HZI/RKI students)

Non-students: 200,00 €; Students: 100,00 €

#### Credits/Certificates

2 ETCs; accreditation as CME certified training course at the Ärztekammer Niedersachsen is in progress

#### Venue

Helmholtz Centre for Infection Research,  
Inhoffenstr. 7; 38124 Braunschweig  
(Forum)

#### Registration/Information

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