

Announcement

Upcoming COURSE in Modelling Infectious Diseases and Health Economic Evaluation of Vaccines

ANTWERP
17-21 September 2018



Programme

- DAY 1 – Mon 17th Sept (11h-17h): Introduction to Mathematical models for infectious diseases (using R)
- DAY 2 - Tue 18th Sept (9h-17h): Inferring parameters from data (using R)
- DAY 3 - Wed 19th Sept (9h-17h): Meta-population and agent-based models (using R)
- DAY 4 – Thu 20th Sept (9h-17h) Introduction to health economic evaluation: general concepts and dealing with uncertainty (with practical applications using R and MS Excel)
- DAY 5 - Fri 21st Sept (9h-15h) Economic evaluation of vaccination programmes: specific issues (with practical applications using R and MS Excel)
- Participants can choose which set of days to attend DAYS 1-3 or/and DAYS 4-5.

Who should attend?

People who have an interest in quantitative research, and who want to learn about infectious disease models and health economic evaluation. Eg, health economists, (bio)statisticians and mathematicians who want to expand their toolbox, as well as health science professionals and policy advisors who want to have a deeper understanding of cost-effectiveness analysis when it is applied to vaccines.

Participants

Minimum 10, maximum 30

Participants are expected to bring a laptop computer with freeware R (<http://www.r-project.org/>) and MS Excel (2003 or later) installed on it.

They are expected to be relatively familiar with R. If not, following an online R course prior to the SIMID course is necessary (information will be provided).

Participants do not need prior experience in economic or infectious disease modelling.

Subscription fees per person (includes tuition, course materials (handouts and memory stick), lunch and coffee breaks):

Students/nonprofit/profit sector

DAYS 1 - 3: €400/€600/€900

DAYS 4 - 5: €250/€400/€600

DAYS 1 - 5: €600/€900/€1400

A discount of 50 euro will be given to members of the Quetelet society.



Location

University of Antwerp,
City campus,
Prinsstraat 13, 2000 Antwerp
(easy to reach by public transport)

Instructors

Prof Philippe Beutels, Prof Joke Bilcke, Prof Niel Hens, Dr Lander Willem

All instructors are researchers of the SIMID group, i.e. members of the Centre for Health Economics Research & Modelling Infectious Diseases (CHERMID), Vaccine & Infectious Disease Institute at the University of Antwerp and/or of the Center for Statistics, Interuniversity Institute of Biostatistics and statistical Bioinformatics at the Universities of Hasselt and Leuven.

The instructors have published an influential body of methodological and applied work on health economics and modelling of infectious diseases, including a text book covering subjects of DAYS 1-3 (Hens et al. Springer international, 2012).

"Thanks again for a rewarding week in Brugge. We have made it back to work, full of ideas and enthusiasm." (Sharon, Sweden)

"Very educational! Just the right material, practical exercises and interaction to make this complex matter your own." (Suzanne, The Netherlands)

Further information and registrations: [click here](#)
Closing date for subscriptions: Tuesday 31st July 2018
Email: info@simid.be
Website: www.simid.be

 Health Economics & Modelling Infectious Diseases
Vaccine & Infectious Disease Institute
University of Antwerp



Interuniversity Institute for Biostatistics
and statistical Bioinformatics