

LUMC - Campus Den Haag



5-DAY SUMMER SCHOOL POPULATION HEALTH MANAGEMENT 28 June - 2 July 2021

PROGRAMME

Monday 28 June 2021: Introduction into Population Health Management

- 09.00 – 09:30 **Introduction to the summer school**
Marc Bruijnzeels PhD, associate professor at LUMC, (online) classroom (live)
- 09.30 – 11.00 **Why Population Health Management?**
MOOC (Massive Open Online Course) Fundamentals 1.1 Why Population Health Management, lecture plus Q&A
- 11.00 – 11.30 *Coffee break*
- 11.30 – 12.30 **Population Health Management: best practice**
(online) classroom (live)
- 12.30 – 13.00 *Lunch break*
- 13.00 – 14.30 **Population Lab: Defining the ambition**
Small groups (online breakout sessions)

Based on epidemiological, technological, societal and economic trends participants will use information they find on the internet to specify burning platforms in the populations at stake. An ambition to tackle this burning platform is formulated:

- infectious diseases like COVID
- non communicable diseases like diabetes/CVR/Cancer
- multi-problem families
- frail elderly

14.30 – 15.30

Fundamentals of Population Health Management

MOOC Fundamentals 1.2 What is Population Health Management?

Marc Bruijnzeels PhD, associate professor at LUMC, lecture plus Q&A

15.30 – 16.00

Tea break

16.00 – 17.00

Population Lab: Population and health aims

Small groups (online breakout sessions)

The population that is to be tackled is more precise defined based on all relevant risk indicators and risk factors. Health problems in the future are predicted. Health goals for the specified population based on the predication are formulated in quantitative terms.

17.00 – 18.00

Population Health Management and Covid

Maryse Wiewel, researcher at LUMC

Tuesday 29 June 2021: Population Health Data Analytics

- 09.00 – 09.30 **Introduction to the day**
Stephen Sutch, academic professor at LUMC, (online) classroom
- 09.30 – 11.00 **Epidemiological basics**
MOOC Study Design 2.1/2.2/2.4 Measures in Population Health Management, online classroom plus Q&A
- 11.00 – 11.30 **Coffee break**
- 11.30 – 12.30 **Segmentation & Stratification**
Shelley Ann Girwar, Researcher at LUMC & Stephen Sutch, LUMC, (online) classroom (live)
- 12.30 – 13.00 **Lunch break**
- 13.00 – 14.30 **Population Lab**
Small groups (online breakout sessions)
An exercise in risk stratification in their population is carried out. Based on existing health data registries and evidence in the scientific literature of risks and determinants of modifiable adverse outcomes, participants will segment and stratify their population according to the predicted risk on preventable adverse outcomes. For each stratum the potential risk reduction is assessed.
- 14.30 – 15.30 **Example of Population Health data (stroke, diabetes and COVID): practical case**
Consultant at Cerner, (online) classroom
- 15.30 – 16.00 **Tea break**
- 16.00 – 17.00 **Population Lab**
Small groups (online breakout sessions)
- 17.00 – 18.00 **Dashboard Population Health Management**
Steffen Pauws, principal scientist at Philips and endowed professor of Health Behaviour Informatics at VU Amsterdam, (online) classroom (live)

Wednesday 30 June 2021: Health & Health Behaviour

- 09.00 – 09.30 **Introduction to the day**
(online) classroom
- 09.30 – 11.00 **What is Health & Health Behaviour**
MOOC 1.3/3.1.1-3 Understanding Health and Health Behaviour, (online) classroom plus Q&A
- 11.00 – 11.30 **Coffee break**
- 11.30 – 12.30 **Social determinants and Population Health Mangement**
Prof. dr. Jessica Kieft, Professor of Population Health at LUMC, (online) classroom (live)
- 12.30 – 13.00 **Lunch break**
- 13.00 – 14.30 **Population Lab: what is health?**
Online interviews and discussion in small groups
- 14.30 – 15.30 **Introduction to Syndemics**
MOOC 7.1, Introduction to Syndemics, Lecture plus Q&A, Matty Crone, researcher at LUMC
- 15.30 – 16.00 **Tea break**
- 16.00 – 17.00 **Population Lab**
Small groups (online breakout sessions)
- 17.00 – 18.00 **Behaviour and Population Health Management**
Laura van der Velde, researcher at LUMC

Thursday 1 July 2021: Health Care Governance and Payment Models

- 09.00 – 09.30 **Panel management**
*MOOC 9.1 Panel Management Next Level & Empanelment,
Lecture plus Q&A, Rimke Vos, researcher at LUMC*
- 09.30 – 10.30 **Panel management in practice**
Rimke Vos, researcher at LUMC
- 10.30 – 11.00 **Coffee break**
- 11.00 – 12.30 **Health Care Governance models and networks**
*MOOC Health Care Shifts in Governance: systems,
Lecture plus Q&A, Eduard Smith, Leiden University*
- 12.30 – 13.00 **Lunch break**
- 13.00 – 14.00 **Network Analysis**
Jelmer Schalk PhD, assistant professor at Leiden University, (online) classroom
- 14.00 – 15.00 **Population Lab: Constructing an own network**
Small groups (online breakout sessions)
- 15.00 – 15.30 **Tea break**
- 15.30 – 16.30 **Alternative Payment Models**
*MOOC 6.2 The Alternative Payment Model Framework,
Lecture plus Q&A, Jeroen Struijss, researcher at LUMC*
- 16.30 – 18.00 **Poulation Lab**
Small groups (online breakout sessions)

Friday 2 July 2021: Implementation

- 09.00 – 11.00 **Implementation in theory and practice**
Viktoria Stein, IFIC's Director of Education and Training at IJIC, (online) classroom
- 11.00 – 11.30 **Coffee break**
- 11.30 – 12.30 **Population Lab: Create an implementation strategy**
Small groups (online breakout sessions)
- 12.30 – 13.00 **Lunch break**
- 13.00 – 14.00 **Preparing presentation**
Small groups (online breakout sessions)
- 14.00 – 15.30 **Presentations**
Online classroom
- 15.30 – 17.00 **Evaluation and Farewell**
Marc Bruijnzeels PhD, associate professor at LUMC, (online) classroom

(Programme subject to change)