

PROGRAM ONLINE SUMMER SCHOOL 2020

Monday 29 June 2020: Introduction into Population Health Management

- 09.00 – 09:30 **Introduction to the summer school**
Marc Bruijnzeels PhD, LUMC, online classroom (live)
- 09.30 – 11.00 **Why Population Health Management?**
MOOC Fun 1.1, online lecture plus Q&A
- 11.00 – 11.30 **Coffee break**
- 11.30 – 12.30 **Gesundes Kinzigtal: practical case**
Jurriaan Pröpper, OptiMedis, 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 students 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
 - multiproblem families
 - frail elderly
- 14.30 – 15.30 **Fundamentals of Population Health Management**
Marc Bruijnzeels PhD, LUMC, MOOC Fun 1.2, online 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

Dashboard Population Health Management

Aart van Halteren, Philips, online classroom (live)

Tuesday 30 June 2020: Population Health Data Analytics

- 09.00 – 09.30 **Introduction to the day**
Stephen Sutch, LUMC, online classroom
- 09.30 – 11.00 **Epidemiological basics**
MOOC Study Design 2.1/2.2/2.4, online classroom plus Q&A
- 11.00 – 11.30 **Coffee break**
- 11.00 – 12.30 **Segmentation & Stratification**
ShelleyAnn Girwar, LUMC & Stephen Sutch, LUMC, online classroom (live)
- 12.30 – 13.00 **Lunch break**
- 13.00 – 14.30 **Population Lab**
Ammar Faiq, LUMC & Frank Ardesch, LUMC, 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, students 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.**
Richard Francken, Cerner, online classroom (live)
- 15.30 – 16.00 **Tea break**
- 16.00 – 17.00 **Population Lab**
Small groups, online breakout sessions
- 17.00 – 18.00 **National Government**
Jack Hutten, Ministry of health welfare and sports, online discussion

Wednesday 1 July 2020: Health & Health Behaviour

- 09.00 – 09.30 **Introduction to the day**
Roos van der Vaart, Leiden University, online classroom
- 09.30 – 11.00 **What is Health & Health Behaviour**
MOOC 1.3/3.1.1-3, 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, 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, online lecture plus Q&A
- 15.30 – 16.00 **Tea break**
- 16.00 – 17.00 **Population Lab**
Small groups, online breakout sessions
- 17.00 – 18.00 **Experience with LUMC Covid radar**
Matthijs Numans, LUMC, online lecture

Thursday 2 July: Health Care Governance and Payment Models

- 09.00 – 09.30 **Introduction to the day**
Viktorina Stein, IJIC, online classroom
- 09.30 – 11.00 **Health Care Governance models and networks**
MOOC Governance, online classroom plus Q&A
- 11.00 – 11.30 **Coffee break**
- 11.30 – 12.30 **Network Analysis**
Jelmer Schalk, Leiden University, online classroom (live)
- 12.30 – 13.00 **Lunch break**
- 13.00 – 14.30 **Population Lab: Constructing an own network**
Online breakout sessions
- 14.30 – 15.30 **Alternative Payment Models**
MOOC 6.1, online lecture plus Q&A
- 15.30 – 16.00 **Tea break**
- 16.00 – 17.00 **Population Lab**
Small groups with Jeroen Struijs, LUMC, online breakout sessions
- 17.00 – 18.00 **Regional network**
Carl Verheijen, Noaber Foundation, online discussion (live)

Friday 3 July: Implementation

- 09.00 – 10.00 **Panelmanagement**
MOOC Panelmanagement next level 9.1, online lecture plus Q&A
- 10.00 – 11.00 **Implementation**
Viktoria Stein, IJIC, online classroom (live)
- 11.00 – 11.30 **Coffee break**
- 11.30 – 12.30 **Population Lab: Create an implementation strategy**
online breakout sessions
- 12.30 – 13.00 **Lunch break**
- 13.00 – 14.00 **Preparing presentation**
Online breakout sessions
- 14.00 – 15.30 **Presentations**
Online classroom
- 15.30 – 17.00 **Evaluation and Farewell**
Marc Bruijnzeels, LUMC, online classroom



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