



5-DAY SUMMER SCHOOL POPULATION HEALTH MANAGEMENT 4 - 8 JULY 2022 LUMC-CAMPUS THE HAGUE

PROGRAMME

Monday 4 July 2022: Introduction into Population Health Management

- 09.00 – 09.30 **Introduction to the Summer School**
Marc Bruijnzeels PhD, Associate Professor at LUMC
- 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**
Leonie Voragen, Director at HealthKic & Marc Bruijnzeels PhD, Associate Professor at LUMC
- 12.30 – 13.30 **Lunch break**
- 13.30 – 14.30 **Population Lab: Defining the ambition**
Small groups

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

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 & Nic Saadah, Researcher at LUMC

Tuesday 5 July 2022: Population Health Data Analytics

- 09.00 – 09.30 **Introduction to the Day**
Stephen Sutch, Associate Professor at LUMC and Johns Hopkins University
- 09.30 – 11.00 **Epidemiological Basics**
MOOC Study Design 2.1/2.2/2.4 Measures in Population Health Management, plus Q&A, Dennis Mook - Kanamori, Researcher Epidemiology at LUMC
- 11.00 – 11.30 **Coffee break**
- 11.30 – 12.30 **Segmentation & Stratification**
Shelley-Ann Girwar, Researcher at LUMC & Stephen Sutch, Associate Professor at LUMC and Johns Hopkins University
- 12.30 – 13.30 **Lunch break**
- 13.30 – 14.30 **Example of Population Health Data (Stroke, Diabetes and COVID): Practical Case**
Patti Wynn, Consultant at Cerner (online)
- 14.30 – 15.30 **Population Lab**
Small groups
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.
- 15.30 – 16.00 **Tea break**
- 16.00 – 17.00 **Population Lab**
Small groups
- 17.00 – 18.00 **Dashboard Population Health Management**
Sytske van Bruggen, Liaison Officer between HADOKS and LUMC-Campus The Hague

Wednesday 6 July 2022: Health & Health Behaviour

- 09.00 – 09.30 **Introduction to the Day**
Jessica Kiefte, Professor of Population Health at LUMC
- 09.30 – 11.00 **What is Health & Health Behaviour**
MOOC 1.3/3.1.1-3 Understanding Health and Health Behaviour, plus Q&A, Laurens van Gestel, Leiden University
- 11.00 – 11.30 **Coffee break**
- 11.30 – 12.30 **Social Determinants and Population Health Management**
Jessica Kiefte, Professor of Population Health at LUMC
- 12.30 – 13.30 **Lunch break**
- 13.30 – 14.30 **Population Lab**
Participants will identify the role of social determinants in each risk stratum and choose interventions taking into account the patients' perspective and social determinants.
- 14.30 – 15.30 **Introduction to Syndemics**
MOOC 7.1, Introduction to Syndemics, Q&A, Matty Crone, Researcher at LUMC
- 15.30 – 16.00 **Tea break**
- 16.00 – 17.00 **Population Lab**
Small groups
- 17.00 – 18.00 **Participatory Action Research**
Wilma van der Vlegel, Participatory Researcher

Thursday 7 July 2022: Health Care Governance and Payment Models

- 09.00 – 10.00 **Health Care Governance models and networks**
*MOOC Health Care Shifts in Governance: Systems,
Lecture plus Q&A, Eduard Schmidt, Assistant Professor at Leiden University*
- 10.00 – 11.00 **Alternative Payment Models**
*MOOC 6.2 The Alternative Payment Model Framework,
Lecture plus Q&A, Jeroen Struijs, Associate Professor at LUMC and Senior
Researcher at the Dutch National Institute for Public Health and Environment
(RIVM)*
- 11.00 – 12.00 **Population Lab: Constructing an Own Network**
Small groups
- 12.00 – 13.00 **Lunch break**
- 13.00 – 14.30 **Panel Management**
*MOOC 9.1 Panel Management Next Level & Empanelment + MOOC 9.2 the
Process of Empanelment in Diabetes, with Q&A
Plus 'Lecture Panel Management in Practice' Rimke Vos, Assistant Professor and
Programme Manager Research at LUMC*
- 14.30 – 15.00 **Tea break**
- 15.00 – 17.00 **Symposium**
- 17.00 – 18.00 **Drinks**

Friday 8 July 2022: Implementation

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| 09.00 – 11.00 | Implementation in Theory and Practice <i>Viktoria Stein, Assistant Professor, Department of Public Health and Primary Health Care, LUMC</i> |
| 11.00 – 11.30 | Coffee break |
| 11.30 – 12.30 | Population Lab: Create an Implementation Strategy <i>Small groups</i> |
| 12.30 – 13.30 | Lunch break |
| 13.30 – 14.30 | Preparing Presentations <i>Small groups</i> |
| 14.30 – 16.00 | Presentations |
| 16.00 – 17.00 | Evaluation and Farewell <i>Shelley-Ann Girwar and Marc Bruijnzeels</i> |

(The programme is subject to changes)