



DECISION MAKING IN PUBLIC HEALTH

05 – 10 November 2018

Lecturers

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| OH | <p>Olaf Horstick FFPH(UK), Dr med(D), MSc, MPH, DTM&P, 3rd StEx(D)</p> <p>Director of Teaching, Heidelberg Institute of Global Health (HIGH)</p> | NU | <p>Nasir Umar PhD, MSc Scientist, B.Pharm</p> <p>IDEAS Country Coordinator in Nigeria</p> <p>London School of Hygiene and Tropical Medicine, London/UK</p> |
| SRR | <p>Silvia Runge -Ranzinger Dr med (D), MScIH, DTM&H Infectious Disease Specialist</p> <p>Public Health Consultant Ludwigsburg, Germany</p> | BC | <p>Benjamin Cheabu BSc. Public Health, PGDE, MSc. International Health</p> <p>Principal Research Assistant, Catholic University College of Ghana.</p> <p>Programme Officer for Oversight & Communication</p> <p>Country Coordinating Mechanism of the Global Fund, Ghana.</p> |

Objectives of the course

This course aims to provide participants with the necessary tools to develop and to successfully implement evidence-informed decisions in health

At the end of the course, participants should be able

- to develop evidence-informed concepts and define the advantages of this approach compared to other approaches
- to critically discuss the different approaches for defining health policies (evidence- informed, opinionated or driven by political arguments)

Assessment of the course

This course will be assessed

40% oral presentation/participation

60% individual written assignment; Essay: critical synthesis of retrieved information (2,500 words) on selected topic, deadline: 01.12.18 18:00 hrs

(to be send to Olaf.Horstick@uni-heidelberg.de)

Monday, 05 November 2018

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| Day 1 | SRR, OH | |
| | Introduction to Decision-Making in Public Health Practice | |
| | Lecture, Group Work | |

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| 09:00 – 10:30 | DM in PHP: Introduction | SRR/OH |
| 10:30 – 11:00 | <i>Coffee Break</i> | |
| 11:00 – 12:30 | DM in PHP: Examples | SRR/OH |
| 12:30 – 13.30 | <i>Lunch</i> | |
| 13:30 – 15:00 | Introduction to Exercise and Assignment | SRR/OH |
| 15:00 – 15:30 | <i>Coffee Break</i> | |
| 15:30 – 17:00 | Group work | SRR/OH |

Session Objectives

- Participants get introduced to the concepts of DM in PHP, including 1) Assessing a health problem, 2) Choosing appropriate options for interventions and 3) Change implementation
- Introduction to the exercise/assignment
- First general scoping of exercise/assignment

Key Readings

- Orton et al. 2011, The Use of Research Evidence in Public Health Decision Making Processes. Systematic Review, July 2011, Volume 6, Issue 7

Further recommended readings

- Oxford Handbook of Public Health Practice, Oxford University Press 2006, ISBN 978-0-19-856655-7
- Making Decisions in Public Health, a review of 8 countries, European Observatory of Public Health, 2004
- The knowledge translation toolkit, IDRC 2011, ISBN 978-81-321-0585-5

Tuesday, 06 November 2018

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| Day 2 | OH | |
| | Assessing the health problem | |
| | Lecture, group work | |
| 09:00 – 10:30 | Assessing a health problem: sources of information | OH |
| 10:30 – 11:00 | <i>Coffee Break</i> | |
| 11:00 – 12:30 | Initiating local research | OH |
| 12:30 – 13:30 | <i>Lunch</i> | |
| 13:30 – 15:00 | Group work | OH |
| 15:00 – 17:00 | Participation at interdisciplinary event at the IPH: Global Health Society, followed by Potluck | OH |

Session Objectives

- Searching for information sources, assess evidence
- Developing concepts to identify gaps in knowledge for a health problem
- Working on the assignment, assessing the health problem

Key Readings

- Stevens et al. 1998, Needs assessment: from theory to practice, BMJ 1998; 316

Further recommended readings

- Rigby M (ed) 2004, Vision and value in health information, Radcliffe Medical Press, Oxford
- The World Health Report 2003, WHO, Shaping the future

Wednesday, 07 November 2018

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| Day 3 | OH, BC | |
| | Choosing appropriate interventions | |
| | Lecture, group work | |
| 09:00 – 10:30 | | |
| 09:00 – 10:30 | Choosing appropriate interventions | OH |
| 10:30 – 11:00 | <i>Coffee Break</i> | |
| 11:00 – 12:30 | Commissioning specific studies on interventions | BC |
| 12:30 – 13:30 | <i>Lunch</i> | |
| 13:30 – 15:00 | Group work | OH, BC |
| 15:00 – 15:30 | <i>Coffee Break</i> | |
| 15:30 – 17:00 | Group work and group presentations | OH, BC |
| Session Objectives | | |
| <ul style="list-style-type: none"> Assessing research on efficacy and community-effectiveness of interventions Developing concepts to identify relevant studies for choosing interventions Working on the assignment, choosing appropriate interventions | | |
| Key Readings | | |
| <ul style="list-style-type: none"> Ham C 1997, Priority setting in health care, Health Policy 1997 (42), 49 – 66 | | |
| Further recommended readings | | |
| <ul style="list-style-type: none"> Health Needs Assessment: A practical guide, NICE 2005 European Policy Health Impact Assessment, May 2004 | | |

Thursday, 08 November 2018

Day 4

Visit to ROCHE Diagnostics (Mannheim)

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| 11:00 | Departure from Heidelberg Train station | |
| 13:00 – 15:00 | Visit to Roche Diagnostics, Office in Mannheim | |
| 16:00 | Departure from Mannheim Train station | |

Session Objectives

Roche is one of the leading biotech companies in the world with 17 biopharmaceuticals and over 90.000 staff working in more than 100 countries. Key areas of the company's focus include cancer research and treatment, with medicines for breast, skin, colon, ovarian, lung and numerous other cancers; as well as neuroscience, infectious diseases and immunology.

Roche Diagnostics Mannheim develops products for people who suffer from diabetes or cardiovascular diseases, such as coagulation systems and effective diabetes management solutions – from blood glucose monitoring to insulin delivery. In addition, we manufacture life-prolonging cancer medication and important products for in vitro diagnostics in Mannheim.

Friday, 09 November 2018

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| Day 5 | SRR, NU | |
| | Implementing change | |
| | Lecture, group work | |
| 09:00 – 10:30 | Change implementation: what are the tools | SRR/NU |
| 10:30 – 11:00 | <i>Coffee Break</i> | |
| 11:00 – 12:30 | Change implementation: planning | SRR/NU |
| 12:30 – 13:30 | <i>Lunch</i> | |
| 13:30 – 15:00 | Group work | SRR/NU |
| 15:00 – 15:30 | <i>Coffee Break</i> | |
| 15:30 – 17:00 | Group work and group presentations | SRR/NU |
| Session Objectives | | |
| <ul style="list-style-type: none"> • Learning about assessing the options to introduce change • Developing a plan for implementing change • Working on the assignment, developing a plan for implementation | | |
| Key Readings | | |
| <ul style="list-style-type: none"> • Grol 1997, Beliefs and evidence in clinical practice, BMJ 1997, 315, 418-421 | | |
| Further recommended readings | | |
| <ul style="list-style-type: none"> • Change management toolkit, Navigating Change in the NHS, NHS 2005 • Improvement Leaders' Guides, NHS 2005 | | |

Saturday, 10 November 2018

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| Day 6 | SRR, NU | |
| | Reporting | |
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| 09:00 – 10:30 | Group work presentations | SRR/NU |
| 10:30 – 11:00 | <i>Coffee Break</i> | |
| 11:00 – 12:30 | Discussion of further practical experiences | SRR/NU |
| 12:30 – 13:30 | <i>Lunch</i> | |
| 13:30 – 15:00 | Individual work on assignment | SRR/NU |
| 15:00 – 15:30 | <i>Coffee Break</i> | |
| 15:30 – 17:00 | Individual work on assignment | |
| | | SRR/NU |
| Session Objectives | | |
| <ul style="list-style-type: none"> • Presenting the group work so far • Discussing examples with the newly conceptualised structures • Start the individual assignment and receive methodological support, if needed | | |