



HAL
open science

Mapping competencies taught in public health – Experience of the Europubhealth Consortium

Olivier Grimaud, S Barnes, A Bauernfeind, T Clemens, M Codd, A F
Donneau, Mathilde Foucrier, C Sowada, K Czabanowska

► To cite this version:

Olivier Grimaud, S Barnes, A Bauernfeind, T Clemens, M Codd, et al.. Mapping competencies taught in public health – Experience of the Europubhealth Consortium. 16th European Public Health Conference 2023 Our Food, Our Health, Our Earth: A Sustainable Future for Humanity, Nov 2023, Dublin, Ireland. 10.1093/eurpub/ckad160.1477 . hal-04357832

HAL Id: hal-04357832

<https://hal.science/hal-04357832v1>

Submitted on 21 Dec 2023

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

relevant public health competencies organised in 10 sections (e.g. science practice, leadership, law policies and ethics etc). As part of the Europubhealth consortium (EPHc), eight universities collaborate for the delivery of a 2-year international public health master course. The course includes a first-year, or foundation component (4 options), and a second-year or specialisation component (7 options).

Objectives:

In 2020, EPHc decided to use the framework in order to map the competencies addressed, and the level of proficiency aimed at, by each Y1 and Y2 option of the Master. To that end, component's coordinators answered an 84-item questionnaire covering the whole framework. Answers were summarised by calculating mean proficiency levels for each competency section.

Results:

There were differences in overall proficiency levels between years with, as expected, higher scores in Y2. Options in Y1 reached medium to high proficiency scores for the sections "science practice", "health promotion" and "communication" with scores of 2.6 to 3 (on a 1 to 4 scale). When compared with Y1 on a heat-map, Y2 options displayed more contrasted profiles, typically focussing (i.e. scores > 3.5) on 3 out of the 10 sections of competencies. Except for the "collaborations and partnership" section, the training pathways offered by the EPHc seem to offer opportunities for a high proficiency level in all domains of competencies.

Conclusions:

The mapping proved a useful exercise to identify strengths and complementarities among the EPHc. The results suggest that the EPHc master course is coherent and offers students opportunities to gain proficiency in most competencies relevant to public health practice.

Key messages:

- Competency-based education is likely to shape the future public health workforce.
- The WHO-ASPHer framework proved a useful tool to map public health competencies addressed in the teaching of the Europubhealth international Master.

Abstract citation ID: ckad160.1477

Mapping competencies taught in public health – Experience of the Europubhealth Consortium

Lola Menant

O Grimaud¹, S Barnes², A Bauernfeind³, T Clemens⁴, M Codd⁵, AF Donneau⁶, M Foucrier⁷, C Sowada⁸, K Czabanowska⁴

¹Arènes - UMR 6051, RSMS - U 1309, EHESP, CNRS, Inserm, Rennes, France

²SCHARR, University of Sheffield, Sheffield, UK

³International Health Unit, Andalusian School of Public Health, Granada, Spain

⁴INTEGRITY, CAPHRI, FHML, Maastricht University, Maastricht, Netherlands

⁵School of Public Health, University College Dublin, Dublin, Ireland

⁶B-STAT, Department of Sciences Santé Publique, Faculté de Médecine, Université de Liège, Liège, Belgium

⁷International Relations Department, EHESP, Rennes, France

⁸Institute of Public Health, Jagiellonian University Medical College, Faculty of Health Sciences, Krakow, Poland

Contact: lola.menant@ehesp.fr

Background:

Public health education aims at producing a competent workforce. The WHO-ASPHer framework proposes a set of