

Summary of work activities

Name

European Public Health Microbiology Training Programme (EUPHEM), 20XX cohort

Background

The ECDC Fellowship Programme is a two-year competency-based training with two paths: the field epidemiology path (EPIET) and the public health microbiology path (EUPHEM). After the two-year training, EPIET and EUPHEM graduates are considered experts in applying epidemiological or microbiological methods to provide evidence to guide public health interventions for communicable disease prevention and control.

Both curriculum paths provide training and practical experience using the 'learning by doing' approach in acknowledged training sites across European Union (EU) and European Economic Area (EEA) Member States.

According to Articles 5 and 9 of ECDC's founding regulation (EC No 851/2004) 'the Centre shall, encourage cooperation between expert and reference laboratories, foster the development of sufficient capacity within the community for the diagnosis, detection, identification and characterisation of infectious agents which may threaten public health' and 'as appropriate, support and coordinate training programmes in order to assist Member States and the Commission to have sufficient numbers of trained specialists, in particular in epidemiological surveillance and field investigations, and to have a capability to define health measures to control disease outbreaks'.

Moreover, Article 47 of the Lisbon Treaty states that 'Member States shall, within the framework of a joint programme, encourage the exchange of young workers. Therefore, ECDC initiated the two-year EUPHEM training programme in 2008. EUPHEM is closely linked to the European Programme for Intervention Epidemiology Training (EPIET). Both EUPHEM and EPIET are considered 'specialist pathways' of the two-year ECDC fellowship programme for applied disease prevention and control.

This report summarises the work activities undertaken by **Name**, cohort 20XX of the European Public Health Microbiology Training Programme (EUPHEM) at the name of the centre/ **Institute Text**

Pre-fellowship short biography

[Guidance text in Italics. Please delete this guidance once you have completed each section and keep the font type, font size, italics the same as in the template and avoid adding sub-headings or underlining text]

Provide a short paragraph about your background including any previous relevant jobs, education etc. Please start the summary by referring to yourself using your full name and then use your first name thereafter. Please use a passive rather than active voice. (maximum 150 words).

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Stockholm, Month YEAR

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Text

Methods

This report accompanies a portfolio that demonstrates the competencies acquired during the EPIET fellowship by working on various projects, activities, theoretical fellowship training modules, other trainings and international assignments or exchanges.

Projects included epidemiological investigations (outbreaks and surveillance); applied public health research; applied public health microbiology and laboratory investigation; biorisk management; quality management; teaching and public health microbiology management; summarising and communicating scientific evidence and activities with a specific microbiological focus.

The outcomes include publications, presentations, posters, reports and teaching materials prepared by the fellow. The portfolio presents a summary of all work activities conducted by the fellow, unless prohibited due to confidentiality regulations.

Results

The objectives of these core competency domains were achieved partly through project or activity work and partly through participation in the training modules. Results are presented in accordance with the EUPHEM core competencies, as set out in the ECDC Fellowship Manual ¹.

1. Epidemiological investigations

1.1. Outbreak investigations

Supervisors: List all supervisors (full names) involved with the specific outbreak investigation

Text Provide a brief summary (maximum 300 words) of each outbreak investigation and include all of the following: background, aim/objective, methods, results, public health implications of your results and fellow's role. Please note this summary should *not* be written like an abstract with sub-headings, it should instead be written as a continuous, free-flowing text.

Role Some examples of a fellow's role might include some of the following: wrote the outbreak report, submitted a manuscript to a peer-reviewed journal (include in brackets the reference number from your publications list under 8. Communication), developed questionnaire or data extraction form, developed data entry mask, performed data entry, data analysis. Also, mention whether you were the principal investigator or co-investigator during the outbreak investigation.

Title

Supervisors:

Text

Role

Title

Supervisors:

Text

Role

Training modules related to the assignment/projects

Write a short summary describing the basic concepts and training you received at each of the modules and how they were applied and contributed to your outbreak investigation(s). The modules listed below are just examples so please select the modules which were relevant to your assignment/project. Maximum 50 words each.

EPIET/EUPHEM Introductory Course - **Text**

Outbreak Investigation Module - **Text**

¹ European Centre for Disease Prevention and Control. European public health training programme. Stockholm: ECDC; 2020. Available from: <https://www.ecdc.europa.eu/en/publications-data/ecdc-fellowship-programme-manual-cohort-2021>

Multivariable Analysis Module - Text

Educational outcome

Provide a short summary of the specific aspects of the outbreak investigation which you have been involved in and the competencies developed. The summary should be written by you (fellow) using either your first name and/or referring to yourself in more general terms e.g. the fellow and with a passive voice (maximum 100 words)

Text

1.2. Surveillance

Supervisors: *List all supervisors (full names) involved with each surveillance project*

Text *Provide a brief summary (maximum 300 words) of each surveillance project and include all of the following: background, aim/objective, methods, results, public health implications of your results and fellow's role. Please note this summary should not be written like an abstract with sub-headings, it should instead be written as a continuous, free-flowing text.*

Role *Some examples of a fellow's role might include some of the following: wrote the report, submitted a manuscript to a peer-reviewed journal (include in brackets the reference number from your publications list under 8. Communication), developed questionnaire or data extraction form, developed data entry mask, performed data entry, data analysis.*

Title

Supervisors:

Text

Role

Title

Supervisors:

Text

Role

Training modules related to the assignment/projects

Write a short summary describing the basic concepts and training you received at each of the modules and how they were applied and contributed to your surveillance project(s). The modules listed below are just examples so please select the modules which were relevant to your assignment/project. Maximum 50 words each.

EPIET/EUPHEM introductory course - Text

Rapid Assessment and Survey Methods module - Text

Time Series Analysis module - Text

Educational outcome

Provide a short summary of the specific aspects of surveillance which you have been involved in and the competencies developed. The summary should be written by you (fellow) using either your first name and/or referring to yourself in more general terms e.g. the fellow and with a passive voice (maximum 100 words)

Text

2. Applied public health research

Title

Supervisors: List all supervisors (full names) involved with your applied public health research

Text Provide a brief summary (maximum 300 words) of each applied public health research and include all of the following: background, aim/objective, methods, results, public health implications of your results and fellow's role. Please note this summary should not be written like an abstract with sub-headings, it should instead be written as a continuous, free-flowing text.

Role Some examples of a fellow's role might include some of the following: wrote the protocol, finalized the report, submitted a manuscript to a peer-reviewed journal (include in brackets the reference number from your publications list under 8. Communication, developed questionnaire or data extraction form, developed data entry mask, performed data entry, data analysis.

Title

Supervisors:

Text

Role

Title

Supervisors:

Text

Role

Training modules related to the assignment/projects

Write a short summary describing the basic concepts and training you received at each of the modules how they were applied and contributed to your applied public health research project(s). The modules listed below are just examples so please select the modules which were relevant to your assignment/project. Maximum 50 words each.

EPIET/EUPHEM Introductory Course- **Text**

Outbreak Investigation Module- **Text**

Multivariable Analysis Module - **Text**

Rapid Assessment and Survey methods (RAS) module – **Text**

Time Series Analysis module – **Text**

Management, Leadership and Communication in Public Health Module - **Text**

Educational outcome

Provide a short summary of the specific aspects of the applied public health research which you have been involved in and the competencies developed. The summary should be written by you using either your first name and/or referring to yourself in more general terms e.g. the fellow and with a passive voice (maximum 100 words)

Text

3. Applied public health microbiology and laboratory investigations

Title

Supervisors: List all supervisors (full names) involved with your applied public health microbiology and laboratory investigations

Text Provide a brief summary (maximum 300 words) of each applied public health research and include all of the following: background, aim/objective, methods, results, public health implications of your results and fellow's role. Please note this summary should not be written like an abstract with sub-headings, it should instead be written as a continuous, free-flowing text.

Role Some examples of a fellow's role might include some of the following: wrote the outbreak report, submitted a manuscript to a peer-reviewed journal (include in brackets the reference number from your publications list under 8. Communication), developed questionnaire or data extraction form, developed data entry mask, performed data entry, data analysis. Also, mention whether you were the principal investigator or co-investigator during the outbreak investigation.

Title

Supervisors:

Text

Role

Title

Supervisors:

Text

Role

Training modules related to the assignment/projects

Write a short summary describing the basic concepts and training you received at each of the modules and how they were applied and contributed to your applied public health microbiology and laboratory investigation(s). The modules listed below are just examples so please select the modules which were relevant to your assignment/project. Maximum 50 words each.

EPIET/EUPHEM Introductory Course- **Text**

Outbreak Investigation Module- **Text**

Multivariable Analysis Module - **Text**

Rapid Assessment and Survey methods (RAS) module - **Text**

Management, Leadership and Communication in Public Health Module – **Text**

Biorisk and Quality Management Module – **Text**

Vaccinology Module – **Text**

Project Review Module - **Text**

Educational outcome

Provide a short summary of the specific aspects of the applied public health research which you have been involved in and the competencies developed. The summary should be written by you using either your first name and/or referring to yourself in more general terms e.g. the fellow and with a passive voice (maximum 100 words)

Text

4. Biorisk management

Title

Text Provide a brief summary (maximum 300 words) of the biorisk management project(s) including all of the following: background, aim/objective, methods, results, public health implications of your results and fellow's role. Please note that this summary should not be written like an abstract with sub-headings, it should be written as a continuous, free-flowing text.

Role Some examples of a fellow's role might include some of the following: wrote the final report, performed a literature review, participated in the working group or network meetings, analysis of samples.

Title

Text
Role

Training modules related to the assignment/projects

Write a short summary describing the basic concepts and training you received at the biorisk module and how it was applied and contributed to your biorisk management project(s).

Biorisk and Quality Management Module – **Text**

Educational outcome

Provide a short summary of the specific aspects of the biorisk management which you have been involved in and the competencies developed. The summary should be written by you using either your first name and/or referring to yourself in more general terms e.g. the fellow and with a passive voice (maximum 100 words)

Text

5. Quality management

Title

Supervisors: List all supervisors (full names) involved with your quality management projects

Text Provide a brief summary (maximum 300 words) of the quality management project(s) including all of the following: background, aim/objective, methods, results, public health implications of your results and fellow's role. Please note that this summary should not be written like an abstract with sub-headings, it should be written as a continuous, free-flowing text.

Role Some examples of a fellow's role might include some of the following: wrote the final report, performed a literature review, participated in the working group/network meetings, analysis of samples.

Title

Supervisors:

Text

Role

Title

Supervisors:

Text

Role

Training modules related to the assignment/projects

Write a short summary describing the basic concepts and training you received at the quality management module and how it was applied and contributed to your quality management project(s).

Biorisk and Quality Management Module – **Text**

Educational outcome

Provide a short summary of the specific aspects of the quality management which you have been involved in and the competencies developed. The summary should be written by you using either your first name and/or referring to yourself in more general terms e.g. the fellow and with a passive voice (maximum 100 words)

Text

6. Teaching and pedagogy

Provide a short description of each teaching activity you were involved in, including development of training material, training methods used (presentation, case-study, etc), target audience, duration, time, evaluation, location, etc. Keep it short and concise, maximum 50-75 words.

Title

Text

Title

Text

Training modules related to the assignment/projects

Write a short summary describing the basic concepts and training you received and how they were applied during your teaching activities. Maximum 50 words each.

EPIET/EUPHEM Introductory Course - Text

Educational outcome:

Include an overall reflection on what you learned, and which competencies you were able to further develop by having engaged in this activity/these activities. This section should not be written in first person, Please start the summary by referring to yourself (subject) using your full name and then by using your first name thereafter.

7. Public health microbiology management

Title

Text Provide a brief summary (maximum 300 words) of the public health microbiology management project(s) you were involved in and your main roles and responsibilities. This should not be written in first person, it should be written referring to yourself in more general terms e.g. the fellow and with a passive voice (maximum 100 words)

Title

Text

Training modules related to the assignment/projects

Write a short summary describing the basic concepts and training you received and how it was applied and contributed to your public health microbiology management project(s). The modules listed below are just examples so please select the modules which were relevant to your assignment/project. Maximum 50 words each.

Management, Leadership and Communication in Public Health Module – Text

Vaccinology - Text

Educational outcome

Provide a short summary of the specific aspects of the public health microbiology management which you have been involved in and the competencies developed. The summary should be written by you using either your first

name and/or referring to yourself in more general terms e.g. the fellow and with a passive voice (maximum 100 words)

Text

8. Communication

Provide a list of publications, unpublished and published manuscripts, reports, book chapters, and conference presentations in Vancouver style.

In this section, avoid referencing any publications carried out by other authors which you were not involved in or which you were involved with before your fellowship. Only publications carried out during your fellowship should be listed here.

Publications related to the EUPHEM fellowship

1. Text

Reports

1. Text

Conference presentations

1. Text

Other presentations

1. Text

Other activities

1. Text

Other training modules

1. Text

9. Other activities

1. Text – add any activity that cannot fit into any of the other sections

10. EPIET/EUPHEM modules attended

1. [name of module, dates (DD/MM/YYYY), city, country]

2. [name of module, dates (DD/MM/YYYY), city, country]

3. [name of module, dates (DD/MM/YYYY), city, country]

4. [name of module, dates (DD/MM/YYYY), city, country]

5. [name of module, dates (DD/MM/YYYY), city, country]

6. [name of module, dates (DD/MM/YYYY), city, country]

7. [name of module, dates (DD/MM/YYYY), city, country]

10. Other training

1. [short description or title of the training, dates (DD/MM/YYYY), city, country]

Discussion

Coordinator's conclusions

Provide a paragraph reflecting on the fellow's competencies' development throughout the 2-year programme. The summary should start with a general introduction to the goals of the EUPHEM programme and introduce the work of the fellow (please use and adapt the paragraph below as the starting point). The summary should primarily focus on the impact of the fellow's work and this should be illustrated by highlighting at least a couple of the fellows' projects. (Maximum 300 words)

One of the main goals of the EUPHEM programme is to expose fellows to diverse and multidisciplinary public health experiences and activities, thus enabling them to work across different disciplines. This report summarises all activities and projects conducted by xxx during his/her two-year EUPHEM fellowship (cohort xxxx) as an EU/MS-track fellow at the xxx Institute in xxx (city), xxx (country).

Text

Supervisor's conclusions

Provide an overview of the fellow's work including practical public health implications of the activities the fellow was engaged in i.e. what is done differently as a result of the fellow's work? How did the fellows work contribute to the work of the country or institute? (maximum 300 words)

Text

Personal conclusions of fellow

Provide a paragraph on your conclusions after completing the 2-year programme. Should be written in first person and active voice (maximum 150-200 words)

Text

Acknowledgements of fellow

Please acknowledge anyone you think contributed directly to your training (try to avoid acknowledging family/friends and instead focus on those people in a professional working context) taking into consideration that you will need to obtain consent from each of these named person(s) in your final portfolio. Should be written in first person and with an active voice (maximum 150-200 words).

Text