



# Adapting public health emergency management curriculum and training modalities to enable in-country response capabilities

Poster Showcase  
#IAEM24

## CDC PHEM Fellowship

Coordinated by the Division of Emergency Operations at the Centers for Disease Control and Prevention, the Public Health Emergency Management Fellowship is designed to build public health emergency management capacity among members of the international public health community who work in preparedness and response.



## Overview

Over a period of 12 weeks, CDC provides a comprehensive, standardized program of study, including learning objectives, sequencing of topics and experiences, and short- and long-term applied projects that allow Fellows to demonstrate their learning.

Fellows are exposed to numerous program staff working in public health emergency management throughout CDC as well as in US regional, state, and local offices. Fellows participate in a series of meetings, observations, site visits, and other activities designed to improve their knowledge and skills in public health emergency management.

## Objectives



By the end of the fellowship, fellows understand public health emergency management principles and have gained a working knowledge of the functioning of an emergency operations center. Furthermore, they are able to demonstrate the following activities:

- Collect, analyze, and disseminate critical public health information.
- Manage an emergency situation effectively.
- Understand the various functions of emergency operations, organizational structure, staffing, and schedules.
- Interact with staff responsible for carrying out emergency management.
- Train relevant professional staff members in home country.

## PHEM Fellowship Curriculum Development

2017-2018:

Single Competency Model  
Based on 2015 WHO Framework, FEMA, CDC doctrine

2019-2020:

Progressive Competency Model with Learning Paths  
Based on updated WHO Framework with Parts A, B, C, EMSI, EOC, IMS, EMTA in-country experience, the JEE, and Preparedness Cycle

2021:

Virtual Instructor Lead Training  
Basic & Intermediate Curriculum Developed

2022:

International Incident Manager Training Program - In Progress  
Advanced Curriculum – In Progress

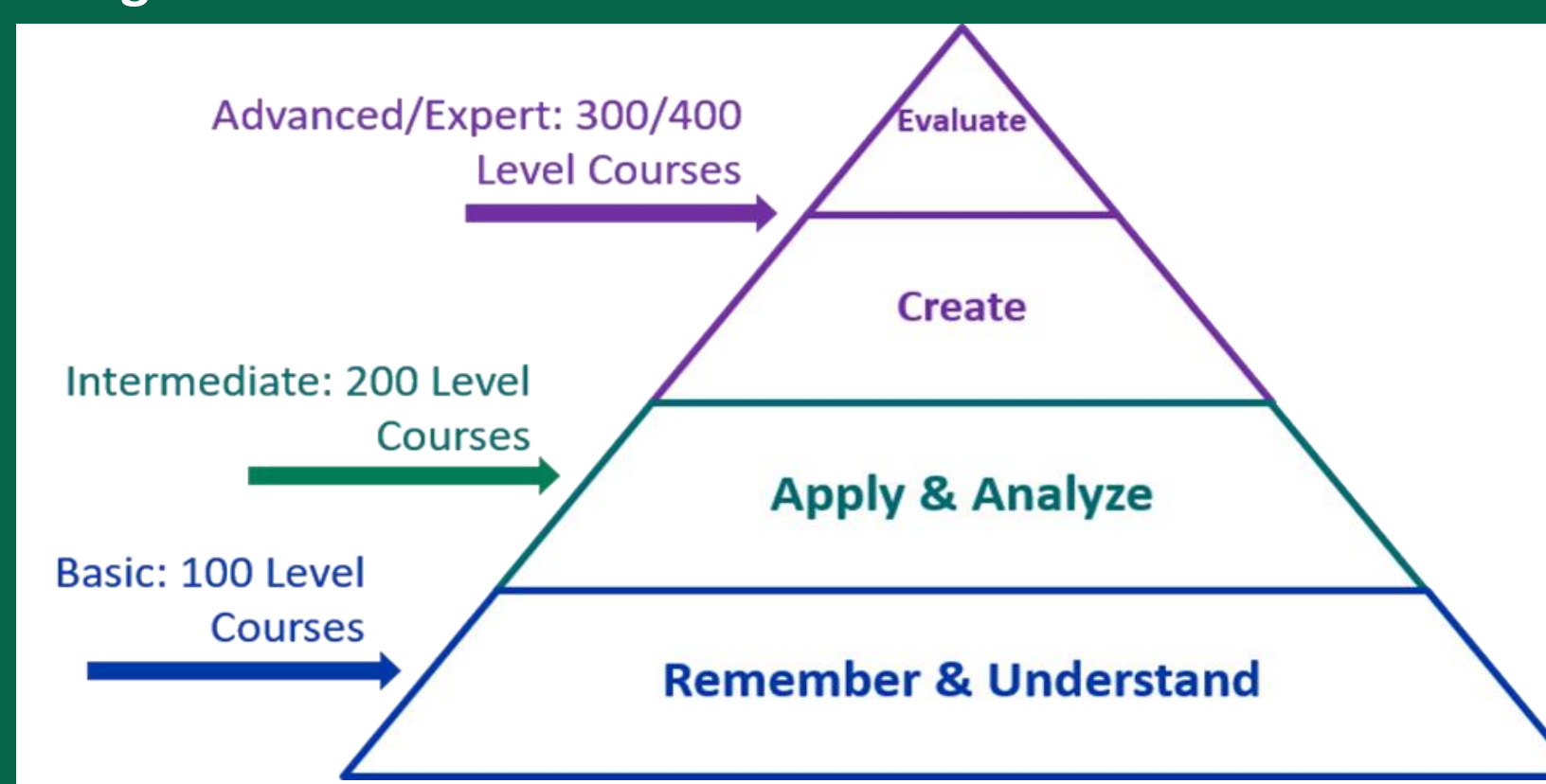
2023:

Public Health Emergency Management (PHEM) Immersion training

## PHEM Competencies

- **Leadership** (e.g. understanding of enabling legislation and regulations, where applicable, and the ability to communicate these to others).
- **Emergency Management Frameworks** (e.g. knowledge of the Incident Management System).
- **Emergency Management Functions** (e.g. knowledge of the PHEOC Handbook, policies, procedures, and guidelines, as well as risk assessment).
- **Emergency Management Communications** (e.g. crisis and emergency risk communication, media and public communications, alert notifications, information-sharing).
- **Partnership and Collaboration** (e.g. developing and maintaining relationships with internal and external partners).
- **Training Development and Facilitation** (e.g. analysis of training needs, instructional strategies).
- **Evaluation** (e.g. assessing needs and capacities, recommending actions to address identified gaps, program, and evaluation).

## Learning Paths



## PHEM Fellowship Basic Curriculum

100 Foundations of PHEM 2 Days	101 Introduction to the PHEOC 1.5 Days	103 PHEM Laws and Authorities 3.5 Hours	110 Introduction to Incident Manager 1.5 Hours	111 Introduction to Public Information Officer 2.5 Hours
112 Introduction to Safety Officer 1 Day	113 Introduction to Liaison Officer 1 Day	120 Introduction to Operations 2.5 Hours	130 Introduction to Plans 1 Day	140 Introduction to Logistics 3.5 Hours
150 Introduction to Finance & Administration 3 Hours	160 Introduction to Situational Awareness 1 Day	170 Introduction to CERC Communication 3.5 Hours	180 Introduction to PHEM Training 1 Hour	

## PHEM Fellowship Intermediate Curriculum

203 Laws & Authorities 13 Hours	204 Concept of Operations 2.5 Hours	211 Public Information Officer & JIC 15 Hours	212 Safety Officer 5 Hours
213 Liaison Officer 4.5 Hours	214 Decision Making & Problem Solving 3.5 Hours	220 Operations Section 9 Hours	Rapid Response Teams 11.5 Hours
230 Plans Section 9 Hours	231 The Planning Process 19.5 Hours	240 Logistics Section 6 Hours	Medical Countermeasures 24 Hours
250 Finance & Administration Section 5 Hours	Surveillance Function 4 Hours	270 Risk Communication 10 Hour	280 THIRA/SPR 17 Hours
284 Train-the-Trainer 24 Hours	PHEM Tabletop Exercise: Contagion 18 Hours	Fellow Presentation: After Action Review 6 Hours	

## PHEM Fellowship Alumni

Since the program began in 2013, more than 255 fellows from more than 50 countries and the African Union have graduated from the program



## Acknowledgements

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