

# PUBLIC HEALTH EMERGENCY MANAGEMENT CURRICULUM FOR INTERPROFESSIONAL LEARNERS

## Introduction

Interprofessional education (IPE) occurs when 2 or more students from multiple professions study with the shared goal of collaborative practice.

- RQ: What is an effective educational intervention for the implementation of an interprofessional education (IPE) curriculum in public health emergency management?

Objectives:

- Investigate the essential educational factors of interprofessional education (IPE) through research
- Identify learners and appropriate educational strategies
- Develop an effective IPE curriculum for use in public health emergency management (PHEM) education

## Materials and Methods

The methods used for this project:

- Curriculum development following the Kern 6-step approach, including a literature review and IPE curricula analysis
- Quantitatively driven research design with narrative component, utilized a 15 item Qualtrics survey with open-ended questions for narrative responses
- Primary data collected from key informants, Certified Emergency Managers, 12/8/22 to 2/21/2023
- Quantitative and narrative data analyses were performed concurrently
- Educational strategies to be guided by Adult Learning Theory, Social-constructivist Learning Theory, and Experiential Learning Theory

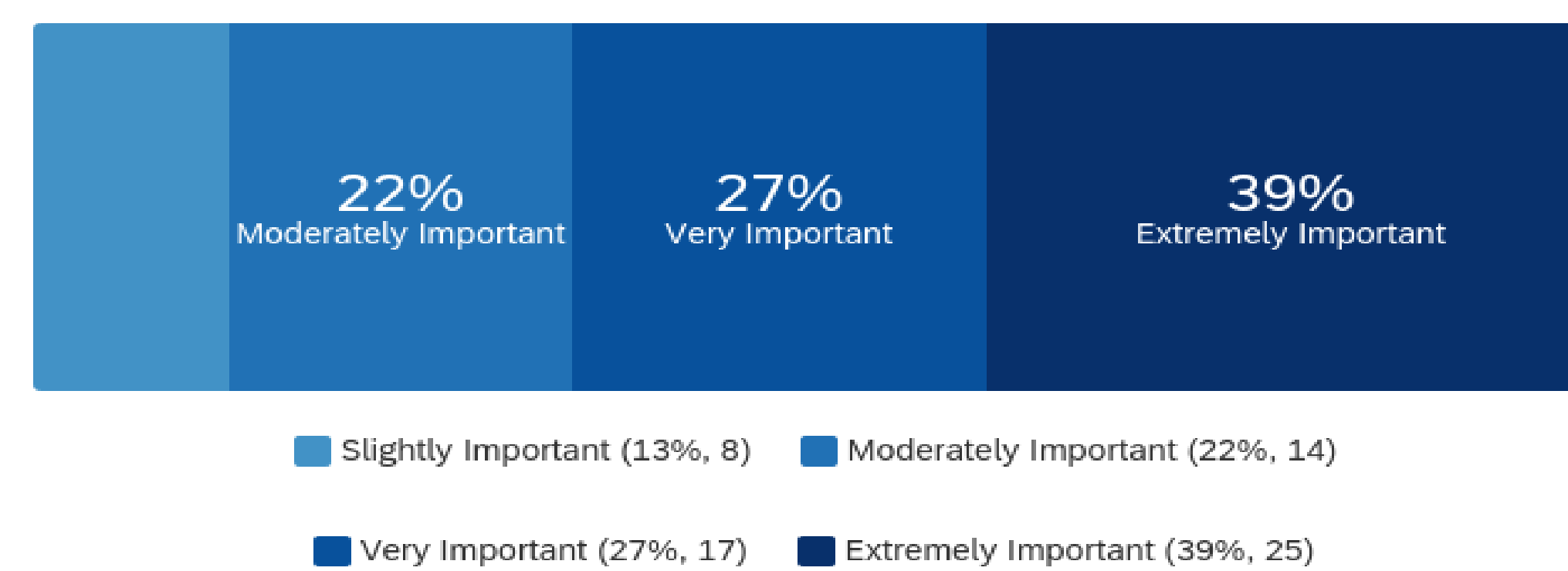
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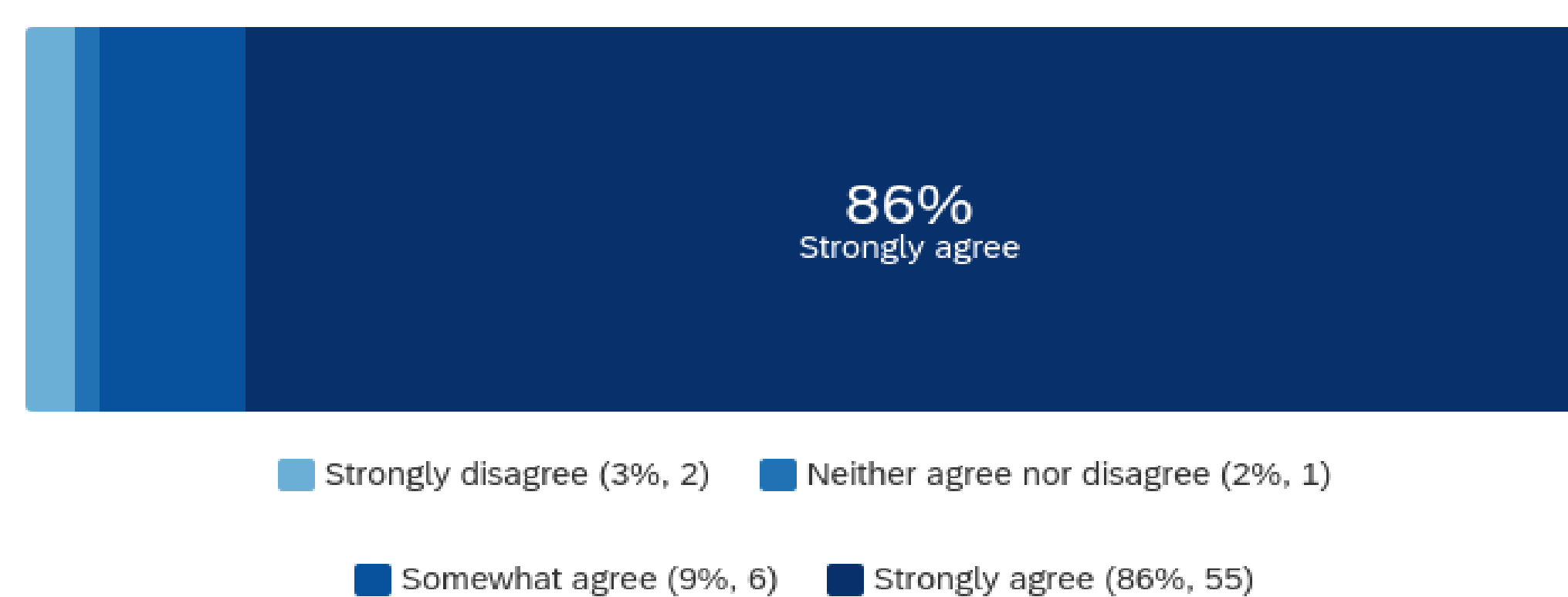
## Results



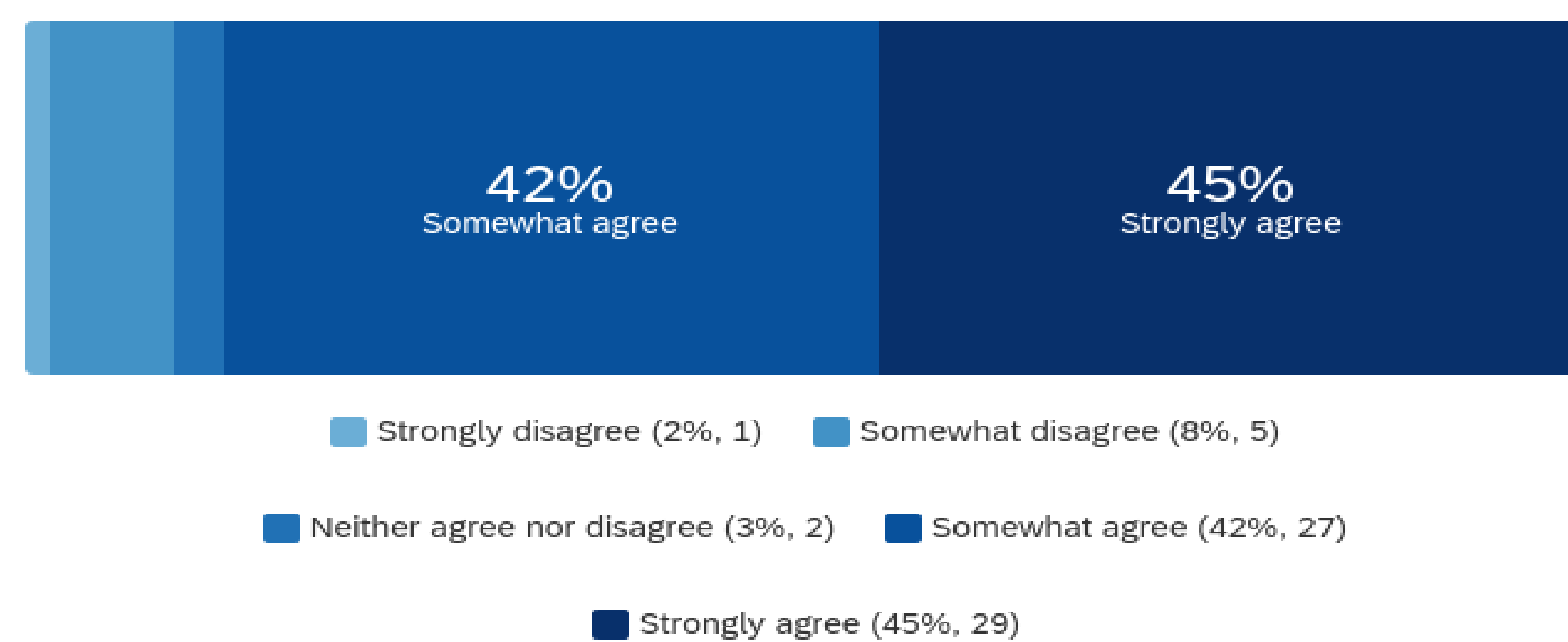
How important is a culturally diverse team when responding to emergencies and disasters? (n = 64)



Understanding the culture of the community being served is vital for professionals who respond to emergencies and disasters. (n = 64)

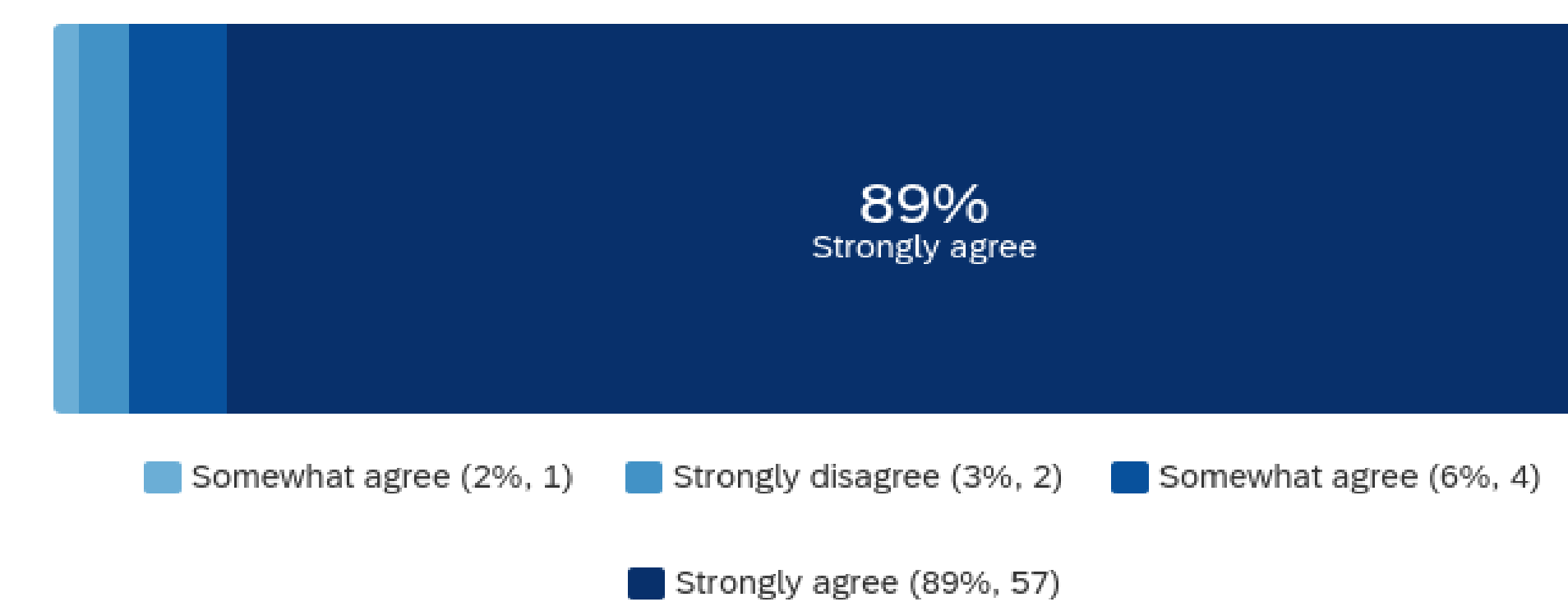


As an emergency management professional, I am able to define the roles of team members from other disciplines. (n = 64)

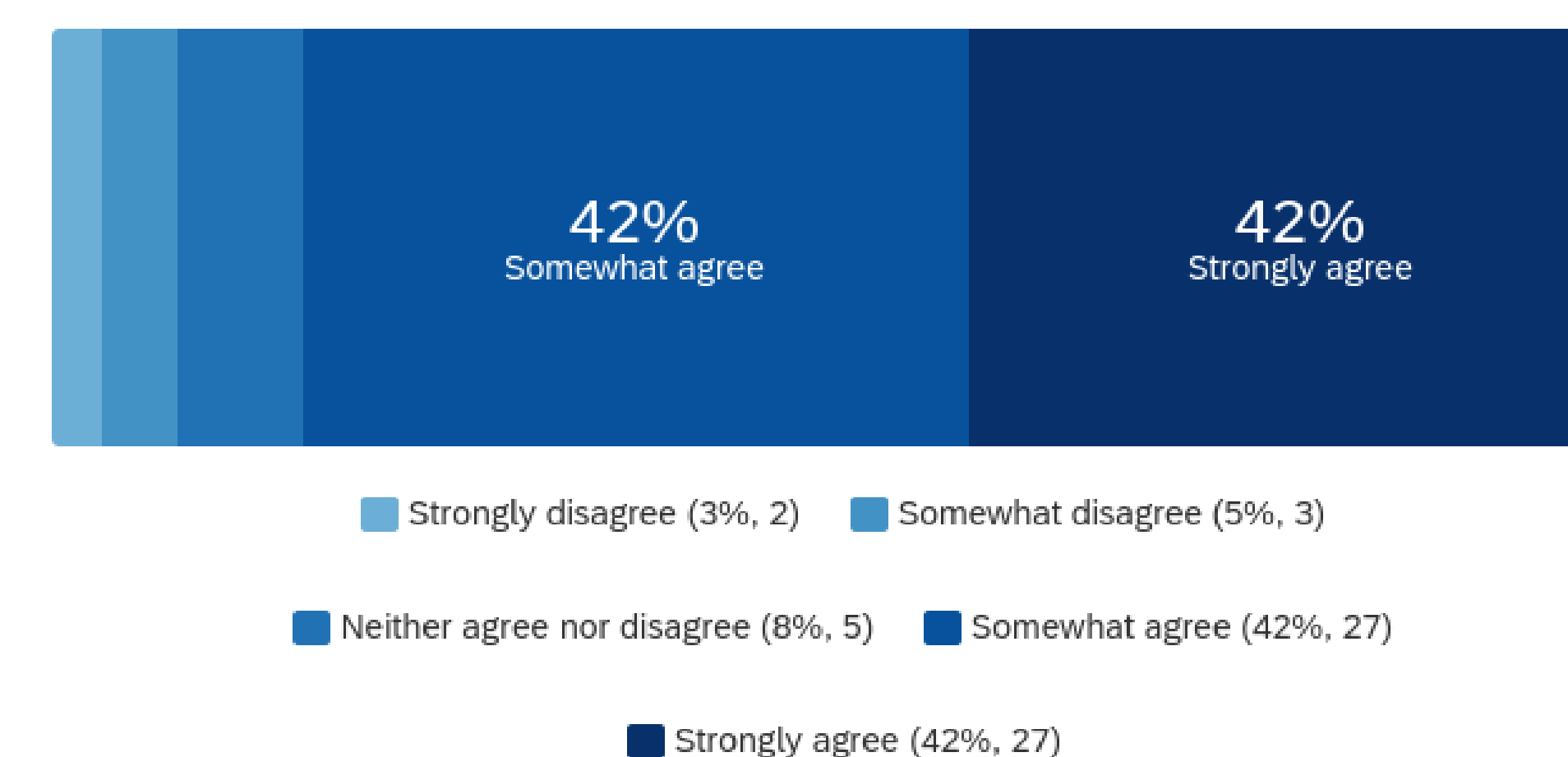


	Total		Male		Female		Prefer not to say	
	#	%	#	%	#	%	#	%
N	68	100	45	69	22	30	1	1
Age - Mean	64	100	44	50.1	19	43.9	1	50
<b>Race</b>								
White or Caucasian	50	73.53	37	82.22	13	59.09	0	0
Black or African American	8	11.76	5	11.11	3	13.64	0	0
Asian	4	5.88	1	2.22	3	13.64	0	0
American Indian/Native American or Alaska Native	1	1.47	0	0	1	4.55	0	0
Other	3	4.41	1	2.22	2	9.09	0	0
Prefer not to say	2	2.94	1	2.22	0	0	1	1

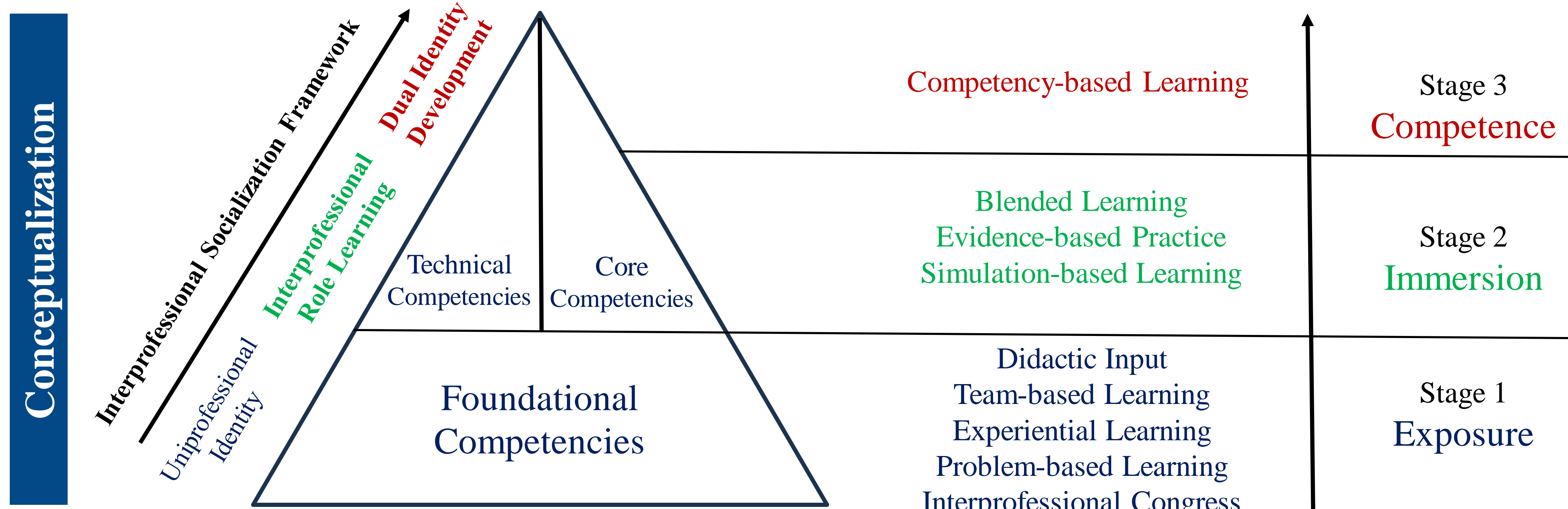
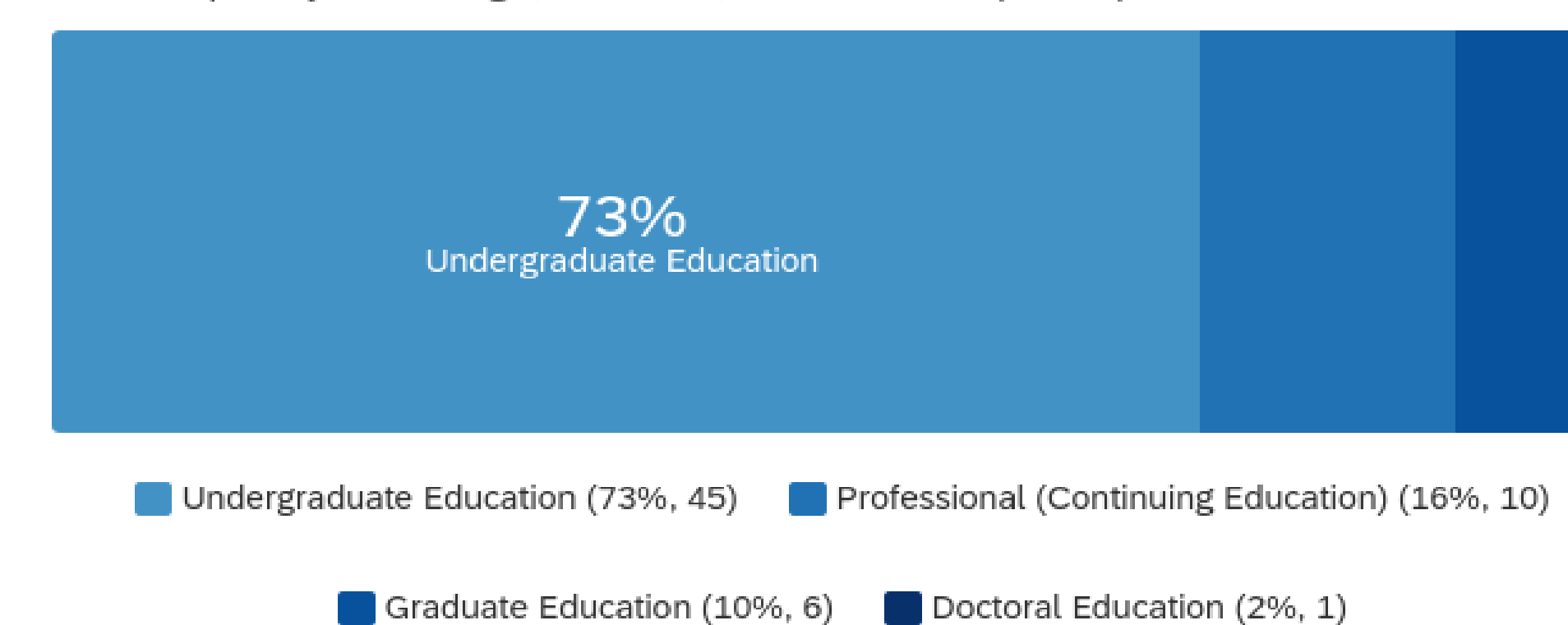
Interprofessional collaboration is essential when responding to emergencies and disasters. (n = 64)



As an emergency management professional, I am aware of the needs of interdisciplinary team members. (n = 64)



Where in the educational journey (career) is it most important for learners to FIRST gain interdisciplinary knowledge, attributes, or behaviors? (n = 62)



## Conclusions

- IPE curriculum for PHEM should be developed for undergraduate students
- Integrate IPE into the core curriculum of students who study within the distributed functions of Emergency Management
- Mitigate identified barriers to implementation of IPE curriculum
- Utilize established IPE competencies and the Interprofessional Socialization Framework
- Learner Outcome Objectives should emphasize communication, respect, collaboration, flexibility, understanding, empathy and listening

## References

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