

**Supplemental Digital Appendix 1: Global Health EPA Delphi Survey (Round 1)** . . . 1-5

**Supplemental Digital Appendix 2: Coded Themes for Responses in Round 1** . . . 6-7

## Supplemental Digital Appendix 1

### Global Health EPA Delphi Survey (Round 1)

Entrustable professional activities (EPAs) are units of professional practice, defined as tasks or responsibilities to be entrusted to the unsupervised execution by a trainee once he or she has attained sufficient competence. EPAs are independently executable, observable, and measurable in their process and outcome, and therefore, suitable for entrustment decisions. EPAs have already been developed for some health professions as a way to evaluate trainee competence. For example, in medicine, EPAs for entering residency include “document a clinical encounter in the patient record” and “collaborate as a member of an interprofessional team”, among others. With the growth of global health activities across health professions, there is an opportunity to develop EPAs for global health as a means to facilitate competency assessment.

The purpose of this study is to determine how established global health competencies across health professions translate into EPAs for essential global health work. You have been invited to participate in this study because of your knowledge and experience in global health activities.

Your participation in this research study is voluntary and you may withdraw at any time without penalty. If you agree to take part in this research, you will be asked to complete a survey that will take approximately 15 minutes for each survey round with a total of 3-4 rounds. Your responses will be confidential and we will not ask you to disclose any identifying information.

You have the right to ask and have answered, any questions you may have about this research. If you have questions about the study, please contact the primary investigator at [dsteeb@email.unc.edu](mailto:dsteeb@email.unc.edu) or +1-(919)-966-9789. For questions about your rights as a research participant, please contact the University of North Carolina Institutional Review Board at [IRB\\_Questions@unc.edu](mailto:IRB_Questions@unc.edu) or +1-(919)-966-3113. Other steering committee members of this study include:

Tina Brock (Monash University – Pharmacy); Stuart Haines (University of Mississippi – Pharmacy); Robin Tittle (Oregon Health and Sciences University – Medicine); Allison Squires (New York University – Nursing); Melissa Thumm (Management Sciences for Health – Public Health); Sarah Dascanio (University of North Carolina at Chapel Hill – Pharmacy); Paul Drain (University of Washington – Medicine)

**Proceeding to the next page indicates that you have read the above information and voluntarily agree to participate in this study. The next page will ask you a few demographic questions followed by several open ended questions regarding essential global health work activities.**

Q1 Which of the following professional disciplines do you most closely identify with based on your background and training? (Pick one)

- Medicine
  - Nursing
  - Pharmacy
  - Public Health
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Q2 Which best describes your current work setting/organization?

- Academic Institution
  - Non-governmental Organization (NGO)
  - Government Organization
  - Healthcare Facility
  - Other (please describe) \_\_\_\_\_
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Q3 How many years of global health experience do you have (including any years spent training to perform global health work)?

\_\_\_\_\_

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Q4 Regarding your global health work, what relative percentage is spent on the following activities (must total 100%)

	Relative Percentage
Education/training of others on global health issues (classroom-based)	
Supervising others on global health experiences (experiential-based)	
Leading/participating in practice and program delivery	
Leading/participating in research	
Leading/participating in policy development	
Other (please describe)	
Total	

Q5 Recognizing that those who work in global health have certain defined areas of expertise, what are your top three areas of expertise for your global health work?

- Expertise Area 1 \_\_\_\_\_
  - Expertise Area 2 \_\_\_\_\_
  - Expertise Area 3 \_\_\_\_\_
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**Q6 Below are three open ended questions asking about core essential global health work activities. Your responses to the open ended questions below will be compared against known global health competencies to develop draft EPA statements for review in subsequent rounds. After completing these three questions, you will be done with Round 1.**

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Q7 Some have defined global health as **"an area for study, research, and practice that places a priority on improving health and achieving health equity for all people worldwide"** (by Koplan et al., Lancet 2009). Based on this definition, what do you believe are core essential global health work activities?

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Q8: Recognizing that there are other definitions and interpretations of global health, what are other core essential global health work activities that you have not already mentioned?

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Q9: Looking at your responses for Q1 and Q2, which of these activities are unique to those who work in global health?

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## Supplemental Digital Appendix 2

### Coded Themes for Responses in Round 1

Domain Category	Coded Theme
Domain 1: Partnership Developer	Collaboration - general
	Collaboration - interprofessional
	Communication
	Community engagement
	Partnership development
	Strategic planning
Domain 2: Capacity Builder	Capacity building
	Conducting needs assessments
	Knowledge – health systems
	Program planning - design
	Program planning – management
	Program planning – monitoring and evaluation
	Resource utilization/allocation
	Supply chain management
	Workforce development
Domain 3: Data Analyzer	Analyzing data
	Education
	Evidence-based practice
	Health systems thinking/strengthening
	Knowledge – global disease burden
	Research
	Sharing of best practices
Domain 4: Equity Advocate	Advocacy – environmental
	Advocacy – health equity
	Advocacy – health profession
	Ethical conduct
	Policy development
	Prioritizing community needs
	Recognizing health disparities

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Domain 5: Health Promoter	Disease prevention
	Patient care
	Technical support
	Quality improvement
Other	Business development
	Cultural awareness
	Cultural respect
	Humanitarian response
	Leadership
	Leading change
	Problem-solving