

Advancing Interprofessional Education on Antimicrobial Resistance Through a One Health Lens

Agenda: February 19, 8:30 am – 5:00 pm (ET)

National Academy of Sciences Building, Room 120
2101 Constitution Avenue NW, DC 20418

Antimicrobial resistance (AMR) poses a growing global threat to human, animal, plant, and environmental health. If left unaddressed, AMR will undermine decades of progress in modern medicine, food security, and public health. While scientific awareness of AMR has increased, education and training programs remain siloed, inconsistent, and insufficiently aligned across sectors and disciplines. As a result, efforts to build a coordinated, resilient response using a One Health approach - a joint effort of various disciplines that come together to provide solutions for human, animal, and environmental health - have lagged.

Recognizing this gap, the President's Advisory Council on Combating Antibiotic-Resistant Bacteria (PACCARB) issued a 2021 report calling for widespread interprofessional education on AMR, spanning medicine, veterinary science, agriculture, environmental health, and beyond. Building on this work, the National Academy of Medicine in collaboration with the Forum on Microbial Threats will organize a meeting of experts, funded by Wellcome, to explore practical approaches for addressing AMR throughout the learning continuum – from undergraduate to continuing professional development – and across sectors and disciplines.

Meeting Objectives

- **Make the Case:** Establish a shared understanding of why advancing interprofessional education on AMR is critical and identify key challenges that currently limit progress.
- **Showcase Models:** Highlight promising programs and use cases that illustrate how AMR and One Health can be integrated across disciplines and sectors.
- **Overcome Barriers to Implementation:** Identify practical approaches to address institutional, cultural, regulatory, or resource challenges.
- **Scale and Sustain:** Explore mechanisms to scale effective models, including policy, accreditation, and funding levers.
- **Catalyze Collaboration:** Build cross-sectoral partnerships to drive implementation.
- **Lay a Foundation for Action:** Consider practical next steps for implementing cross-sector interprofessional education at scale across health sciences sectors.

8:30 am **BREAKFAST**

9:00 am **WELCOME AND MEETING OVERVIEW**

Welcoming Remarks

- Victor Dzau, National Academy of Medicine
- Lee Fleisher, Planning Group Co-Chair

Introductions

Goals and Expectations for the Day

9:15 am **LEVEL-SETTING – PROGRESS SINCE 2021 REPORT**

Session Objectives:

- Make the case for advancing interprofessional education (IPE) on AMR and identify the key challenges that persist.
- Discuss how IPE alignment could drive systems-level change across sectors on AMR.
- Clarify the framing and scope for this meeting.

Speaker

- *Jomana Musmar, Planning Group Co-Chair*

9:30 am **SESSION I: USE CASES & PRACTICAL APPROACHES**

Session Objectives:

- Showcase examples of interprofessional education on AMR implemented in academic, governmental, and practice-based settings.
- Examine lessons learned that are generalizable across geographies and institutions.
- Identify core components of effective interprofessional AMR education programs.

Panel Presentations

Moderator: Anthony So, Planning Group Co-Chair

Speakers:

- *Paul J. Plummer, National Institute of Antimicrobial Resistance Research & Education (NIAMRRE)*
- *Tracey Goldstein, Colorado State University*
- *Kristen Clark, Minnesota One Health Antibiotic Stewardship Collaborative (MOHASC)*
- *Suresh Kuchipudi, Pennsylvania One Health Consortium*
- *Bruno González-Zorn, Complutense University Madrid*

10:15 am **COFFEE BREAK (15 mins)**

Full Group Discussion

Moderator: Anthony So, Planning Group Co-Chair

12:00 pm **BREAK (30 mins)**

12:30 pm **SESSION II: WORKING LUNCH**

Breakout Group Discussions

Participants will be pre-assigned into the following groups:

- *Scaling up use cases*
- *Implementing models and methods*
- *Catalyzing collaboration*

2:00 pm **SESSION III: SCALING SOLUTIONS & CATALYZING COLLABORATION**

Session Objectives:

- Distinguish between generalizable vs context-specific practices for implementation and scaling of successful programs.
- Consider gaps to fill and opportunities for piloting new initiatives.
- Define success metrics that will motivate engagement and investment.

Breakout Group Report Outs

Full Group Discussion

Moderator: Jomana Musmar, Planning Group Co-Chair

3:10 pm **COFFEE BREAK (20 mins)**

3:30 pm **SESSION IV: PRACTICAL NEXT STEPS**

Moderator: Lee Fleisher, Planning Group Co-Chair

4:50 pm **CLOSING REMARKS**

5:00 pm **ADJOURN MEETING**