

PACCARB

Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria

PACCARB Public Meeting

Wednesday, February 10 – Thursday, February 11, 2021

Agenda

Times subject to change

DAY ONE (FEB 10) – Antibiotic Access and Use

10:00 AM EST – 4:00 PM EST

10:00 – 10:10 WELCOME AND OVERVIEW OF DAY

Martin Blaser, Rutgers University

Lonnie King, The Ohio State University

RULES OF ENGAGEMENT AND PARTICIPANT ROLL CALL

Jomana Musmar, Designated Federal Officer

10:10 – 10:15 HHS FEDERAL OPENING REMARKS

RADM Felicia Collins, Acting Assistant Secretary for Health

10:15 – 10:35 IMPACT OF COVID-19 ON ANTIBIOTIC USE AND RESISTANCE – AN UPDATE

Arjun Srinivasan, Centers for Disease Control and Prevention (CDC)

10:35 – 10:55 COUNCIL Q&A

10:55 – 11:00 ANTIBIOTIC ACCESS AND USE WORKING GROUP (WG) INTRODUCTION AND OVERVIEW

WG Co-Chair Stephanie Black, Chicago Department of Public Health

WG Co-Chair Locke Karriker, Iowa State University

11:00 – 11:30 PANEL 1: MODALITIES OF CARE

Discussion: Definitions and differences between modalities of care and their current context/popularity shift due to the COVID-19 pandemic.

- What does antibiotic stewardship look like in these new modalities?
- How well do the regulations work in this space?
- What is the possible impact of the expanded use of these new modalities given their business model?

11:00 Antimicrobial Stewardship at MinuteClinic

Anne Pohnert, CVS MinuteClinic

11:10 Antibiotic Stewardship in a Total Virtual Care™ Model

Kristin Dean, Doctor on Demand

11:20 Connected Care for Food Production Animals

Gilbert Patterson, VetNOW

11:30 – 12:00 COUNCIL Q&A

12:00 – 12:30 LUNCH BREAK – Please Return by 12:25 pm EST

12:30 – 1:10 PANEL 2: POPULATIONS AND DISPARITIES

Discussion: Background and baseline data on the perceived disparities in healthcare access and antibiotic prescriptions and the possible impact of novel models of healthcare delivery.

- What are current disparities in antibiotic access and use, especially as seen during COVID-19?
- How are racial/social/geographic disparities in healthcare access impacted by the use of different modalities of health?

12:30 Variability in Antibiotic Prescribing: Targets for Improving Antibiotic Use

Lauri Hicks, CDC

12:40 Antibiotic Use through a Health Equity Lens

Jeffrey Hall, CDC

12:50 Racial Disparities in Antibiotic Prescribing for Children

Jeffrey Gerber, Children's Hospital of Philadelphia

1:00 Disparities in Prescribing based on Provider Density and Socio-Economic Status

Eili Klein, Johns Hopkins University

1:10 – 1:40 COUNCIL Q&A

1:40 – 2:20 PANEL 3: CROPS

Discussion: In a One Health scenario, what are the unknowns about how pesticides interact with the environment, as well as possibly animals and humans?

- Do agricultural farmers/botanists practice antibiotic stewardship and how well do regulations work in this space?
- Is there a linkage between antifungals and the rise of resistant *Candida auris* and is there an impact on human health?

1:40 Regulating Antibiotic Use on Crops

Susan Jennings, U.S. Environmental Protection Agency

1:50 Innovations and Tracking Use of Antibiotics in Tree Crops

Kerik Cox, Cornell University

2:00 Strategies for Reducing Antibiotic Use in Tree Crops

George Sundin, Michigan State University

2:10 Antifungal Resistance in Humans and the Environment

Melanie Ivey, The Ohio State University

2:20 – 2:50 COUNCIL Q&A

2:50 – 3:00 BREAK – Please Return by 2:55 pm EST

3:00 – 3:30 PUBLIC COMMENT: INNOVATION SPOTLIGHT (pre-registered attendees only)

3:30 – 4:00 COUNCIL DISCUSSION & WORKING GROUP NEXT STEPS

4:00 CLOSING REMARKS

DAY TWO (FEB 11) – Interprofessional Education and Practice

10:00 AM EST – 3:00 PM EST

10:00 – 10:10 WELCOME AND OVERVIEW OF DAY

Martin Blaser, Rutgers University

Lonnie King, The Ohio State University

RULES OF ENGAGEMENT AND PARTICIPANT ROLL CALL

Jomana Musmar, Designated Federal Officer

10:10 – 10:15 PATIENT STORY

Michael McVey

10:15 – 10:20 INTERPROFESSIONAL EDUCATION WORKING GROUP INTRODUCTION AND OVERVIEW

WG Co-Chair Elaine Larson, Columbia University

WG Co-Chair Paul Plummer, Iowa State University

10:20 – 11:00 PANEL 4: INTERPROFESSIONAL EDUCATION (IPE) AND ONE HEALTH

Discussion: Introduction to IPE and One Health Education, exemplified by the experiences of a selection of programs to understand the challenges and successes.

- What challenges are facing IPE and One Health education programs, and how do you overcome them?
- What are the positive outcomes of IPE and One Health education, and how do you measure them?
- How can antimicrobial resistance and stewardship be integrated into IPE and One Health curricula?

10:20 Introduction and Framing of IPE

Patricia Cuff, The National Academies of Sciences, Engineering, and Medicine

10:30 Core Competencies in One Health Education

Jonna Mazet, University of California, Davis

10:40 Interprofessional Learning, Experience and Practice

Catherine Demko, Case Western Reserve University

10:50 Exemplar IPE Program: The University of North Texas Health Science Center at Fort Worth

David Farmer, The University of North Texas Health Science Center at Fort Worth

11:00 – 11:30 COUNCIL Q&A

11:30 – 12:00 PANEL 5: INDIVIDUAL DRIVERS OF CHANGE

Discussion: Understanding the individual's role in maintaining Interprofessional and One Health ideas beyond the classroom and into the professional experience.

- How can Interprofessional and One Health education be sustained into practice?
- What mechanisms exist to encourage the individual to promote Interprofessional and One Health practices, and how can they be leveraged?
- How do personal identities and individual motivations help to improve antimicrobial stewardship?

11:30 Sustaining Interprofessional Education into Practice

Maria Wamsley, University of California San Francisco

11:40 Enacting Change Through Cooperative Extension

Roger Rennekamp, Cooperative Extension System

11:50 Patients as Educators: The new partner in IPE

Sue Sheridan, Society to Improve Diagnosis in Medicine

12:00 – 12:30 COUNCIL Q&A

12:30 – 1:00 LUNCH BREAK – Please Return by 12:55 PM EST

1:00 – 1:40 PANEL 6: INSTITUTIONAL DRIVERS OF CHANGE

Discussion: Exploring the mechanisms that exist at the national or institutional level that can be used to promote antimicrobial stewardship as well as Interprofessional and One Health education.

- How can accreditation, across all One Health accrediting bodies, be leveraged to support Interprofessional and One Health education and practice?
- How do you measure the effectiveness and outcomes of organizational standards?
- What role does the federal government play in the support of Interprofessional and One Health education standards?

1:00 The Role of IPE in Veterinary Education about AMR

Trevor Ames, University of Minnesota

1:10 International Harmonization of Accreditation Standards

Karen Martens Brandt, American Veterinary Medical Association

1:20 Institutional Drivers of Change: Opportunity and Evolution in CE

Graham McMahon, Accreditation Council for Continuing Medical Education

1:30 Mechanisms for Furthering IPE and the Role of Government

Donald M. Berwick, Institute for Healthcare Improvement

1:40 – 2:10 COUNCIL Q&A

2:10 – 2:30 PUBLIC COMMENT (pre-registered attendees only)

2:30 – 3:00 COUNCIL DISCUSSION & WORKING GROUP NEXT STEPS

3:00 CLOSING REMARKS