



The 12th Antibiotics Symposium will continue the National Institute for Animal Agriculture's focus on a One Health approach to antimicrobial resistance and stewardship in Alexandria, VA from November 1-3 at the [Westin Hotel](#).

This year's Symposium, Exploring Stewardship, Sustainability and Collaboration, will connect leaders from animal, human and environmental health organizations and provide an opportunity to collaborate on research, education and communication endeavors.

## AGENDA

### *Tuesday, November 1, 2022*

5:00 – 6:30 PM **Conversations & Collaborations – Hosted by the Beef Checkoff**

### *Wednesday, November 2, 2022*

8:00 – 8:15 AM **Welcome and Introductions**

#### **NIAA Chair & Antibiotics Council Co-Chair**

- Eric Moore, DVM – Norbrook, Inc.
- Megin Nichols, DVM, MPH, DACVPM, -- The Centers for Disease Control & Prevention

8:15 – 8:45 AM **The State of Sustainability in Today's Food System – How does One Health fit in?**

#### **Heather Fowler, DVM, MPH, PHD, DACVPM -- National Pork Board**

*Dr. Fowler will open the 12<sup>th</sup> Annual Antibiotics Symposium with a retail/restaurant industry professional by outlining the definition of One Health and what it means in a practical sense and review the reasons this conversation is continues to be important.*

8:45 –  
10:00 AM

#### **Connecting Sustainability and One Health**

*Join leaders in the discussion as we take a deeper look at the multifaceted angles of sustainability - environment, economics, and social - and how they affect One Health.*

- Laurie Hueneke, Merck Animal Health (moderator)
- Christi Calhoun, PhD, Zoetis (environment)
- Fabian Bernal, DeLaval (economic)

10:00 AM

## **Morning Break**

10:15 AM –  
Noon

## **Breakout Sessions One (Information Sharing/Gathering)**

*Participants will learn more about efforts in information sharing and gathering in their preferred discipline to become better stewards of antimicrobials while combatting antimicrobial resistance.*

- **Communication**  
– led by National Pork Board and Beka Wall, Cattlemen’s Beef Board
- **Research**  
– led by Paul Plummer, Kris Johansen, Sarah Al-Mazroa Smith, and Erica Hellmich from the National Institute of Antimicrobial Resistance Research and Education (NIAMRRE)
- **Education**  
– led by American Farm Bureau Foundation for Agriculture

Noon –  
1:00 PM

## **Networking Lunch**

1:00 – 3:30 PM

## **Regulatory Updates ... How do we work, together, in a One Health way?**

*Governmental agencies will share the latest updates in their respective organizations and how the updates can allow opportunities for One Health collaboration.*

- Food and Drug Administration (FDA) Update  
– Dr. Amber McCoig
- Centers for Disease Control and Prevention (CDC) Update
- USDA Animal and Plant Health Inspection Service Update  
– Dr. Chelsey Shivley
- USDA Agricultural Research Service Update  
– Dr. Steve J. Moeller
- Environmental Protection Agency (EPA) Update  
– Smiti Nepal
- National Institutes of Health (NIH)  
– Dr. Kyung Moon

3:30 – 4:00 PM

## **Afternoon Break**

4:00 – 5:00 PM **Consumer Insights**

**Michael Uetz, Midan Marketing**

*Midan Marketing is a leader in consumer research with a special focus on attitudes toward animal protein. Michael is responsible for establishing and maintaining Midan's vision and strategic direction and works with meat industry partners.*

5:00 – 6:30 PM **Conversations & Cocktails – Hosted by Merck Animal Health**

**Thursday, November 3, 2022**

8:00 – 8:15 AM **Welcome and Introductions**

**NIAA Chair & Antibiotics Council Co-Chair**

- Dr. Eric Moore, Norbrook
- Dr. Megin Nichols, The Centers for Disease Control & Prevention

8:15 – 8:45 AM **Antibiotics. One tool in the toolbox ... what else are farmers, ranchers, and veterinarians using to care for animals?**

**Tom Noffsinger, DVM**

*Dr. Noffsinger has more than 30 years of experience in beef cattle practice and is now an independent feedlot consultant specializing in facility design, stockmanship, and low-stress livestock handling. He is an owner/member of Production Animal Consultation, Pierson Precision Auscultation, and the Cattle Performance Enhancement Company. He was the recipient of the 2001 Consultant of the Year award from the Academy of Veterinary Consultants for his work at PAC.*

8:45 –  
10:00 AM

**Power Talks**

**Into the future**

**Antibiograms: Stepping into the Future of Veterinary Antibiotic Stewardship**

*– Dr. Edie Marshall, California Department of Agriculture*

**New veterinary medicine**

As we go from OTC to RX, how do vets provide more veterinary oversight universally?

## What is happening globally?

It's been said that the European regulation affects the future of American regulation when it comes to our food supply. What are the latest proposals abroad and is it on the United States' doorstep?

– Rachel Cumberbatch, DVM, Animal Health Institute

## Stewardship – Research to Practice

How can animal agriculture take action for collecting antimicrobial use data for the purposes of supporting medical decision-making and antimicrobial stewardship.

– Terry W. Lehenbauer, DVM, MPVM, PhD, DACVPM-Epi.; Professor and Director, Veterinary Medicine Teaching and Research Center – UC Davis

## Tracking usage

As federal policy changes, what is being done to communicate the new rules with farmers and ranchers and how is producer usage being tracked?

– Amar Bhat, PhD, Reagan-Udall Foundation

10:10 –  
11:00 AM

## Breakout Sessions Two (Application)

*Participants will build upon learning from the previous day's breakout session to learn more about the practical applications of their preferred discipline to become better stewards of antimicrobials while combatting antimicrobial resistance.*

- **Communication**  
– led by National Pork Board and Beka Wall, Cattlemen's Beef Board
- **Research**  
– led by Paul Plummer, Kris Johansen, Sarah Al-Mazroa Smith, and Erica Hellmich from the National Institute of Antimicrobial Resistance Research and Education (NIAMRRE)
- **Education**  
– led by American Farm Bureau Foundation for Agriculture

11:00 –  
11:30 AM  
11:30 AM –  
12:30 PM

## Report Out ... Application

## Public Health

12:30 –  
12:45 PM

**Wrap-Up & Closing Remarks**  
**NIAA Chair & Antibiotics Council Co-Chair**

- Dr. Eric Moore, Norbrook
- Dr. Megin Nichols, The Centers for Disease Control & Prevention

1:00 PM

**Lunch Buffet**