ANTIBIOTIC USE IN FOOD ANIMAL PRODUCTION AND HUMAN HEALTH

Leonard S. Bull
Emeritus Professor of Animal Science
NCState University
Past Board Chair, NIAA
History– How did NIAA get here?

* Who we are
* Our organization
* Our niche
* How we do business
Why Did We Decide to Take on Antibiotic Use in Food Animals?
*Do You Read the “Newspapers”?
*Do You Look at the T.V. “News”?
*Do You Hear Anyone Speaking Up for Animal Agriculture?

THAT’S WHY!!!
Our Goal **Was** and **Is** to Facilitate a Dialogue to Bring the Facts and Truth to the Consuming Public!
So What Did We Do? 
Yup! 
We Held A Forum!
Antibiotic Use in Food Animals: A Dialogue for a Common Purpose

A dialogue among leaders from animal agriculture, public health, consumer advocacy, and the media to discuss science and future strategies.

October 26-27, 2011
InterContinental Chicago O’Hare
Rosemont, Illinois

Call 719.538.8843 or visit www.AnimalAgriculture.org

Find Out More
Major Topics

• Antibiotics in Food Animal Production and Human Health (2 presentations– food animal and human health)

• Antibiotics in Food Animal Production (view from AHI and species perspectives)

• Human Health Implications Relative to Antibiotic Use (3 presentations/perspectives)
Major Topics, cont’d

- A special issue: Livestock MRSA, Understanding and Communicating the Risks
- Reaching Out to Consumers (messaging, communications)
Were We Successful?

- Attendance.. >175 registered
- Balance of backgrounds..
- Feedback.. excellent
- Follow-up.. media coverage
- White Paper
• The white paper summarized the important points presented and discussed in the program, both by speakers and audience.

• Most of the presentations were recorded (video) and the slides, powerpoints, etc., from many were also captured and are available on the NIAA website (www.animalagriculture.org)
So We Decided to Do It Again!

- Based on what we learned in 2011
- Different venue
- Different format
- Major effort to reach ALL segments
- We think we have a winner!
A One Health Approach to Antimicrobial Use & Resistance: A Dialogue for a Common Purpose

Nov. 13-15, 2012
Hilton Polaris Hotel
Columbus, Ohio

Find Out More www.AnimalAgriculture.org or call 719.538.8843, ext. 14
Different Format This Year!

- Venue: Columbus, Ohio... many reasons
- Structured and dynamic facilitation
- Major emphasis on audience participation
- Real-time recording and display of output of interactive group discussions
- Audience subgroup consideration of specific questions, issues and expected outcomes
Main Topics

• Overview of antimicrobial use: food and companion animal, human, plant
• Antimicrobial (AMR) resistance: what, how and where
• AMR surveillance/mgt: hospital, community, issues for human population medicine
Main Topics, cont’d.

• Interplay of animal/human AMR populations
• Environmental contamination by AM residues on public health
• AMR surveillance (NARMS: FDA, USDA, CDC)
• Pharmaceutical and livestock industry perspectives of impact of regulatory environment
Main Topics, cont’d.

- International perspective on antimicrobial use and AMR
- Progress on nationally funded AMR research
- Future of antimicrobials
- Alternatives to antimicrobials in agriculture
- Issues in development of antimicrobial alternatives
End Notes

- Antibiotics are important tools in the maintenance of health in both animals and humans.
- It is important that we understand how the practices that we use in management in animal production impact human health, and how the health management practices used in humans impact animal production management, and act accordingly.
- If we can do that, we all win!
Columbus, the Place to Be!

- Make your reservations NOW!
- Go to: www.animalagriculture.org
- Plan to be in Columbus on November 13-15, 2012
- You have everything to gain, and nothing to lose!
Questions?
Thank you!
My time is up, I thank you for yours!