



# Inaugural Small Animal Antimicrobial Stewardship Workshop for U.S. and Caribbean Veterinary Schools

AUGUST 24–25, 2023 | HEALTH SCIENCES EDUCATION CENTER ROOM 2-138

## Meeting Objectives

- Discuss current challenges and opportunities within small animal antimicrobial stewardship in three focus areas: 1) hospital antimicrobial stewardship programs, 2) research, and 3) antimicrobial stewardship curriculum.
- Facilitate communication and collaboration among champions of small animal antimicrobial stewardship in veterinary schools.

## Thursday, August 24

**8:00 am**      **Check-In and Breakfast**

**9:00 am**      **Welcome**

Dean Laura Molgaard, University of Minnesota  
Dr. Jennifer Granick, University of Minnesota

**9:15 am**      **Presentations on Hospital Antimicrobial Stewardship Programs**

Companion Animal Antibiotic Stewardship - UK experiences and how they apply to Mars Veterinary Health  
Dr. Ian Battersby, Mars Veterinary Health

Behind the Bench: Empowering Antimicrobial Stewardship through Microbiology  
Dr. Dubraska Diaz-Campus and Dr. Joany van Balen, Ohio State University

Unlocking Success: Interprofessional Collaboration for Effective Antimicrobial Stewardship  
Dr. Rikki Horne and Dr. Christy King, Ohio State University

Proposed Hospital Certification Program on Antimicrobial Stewardship  
Dr. Jane Sykes, University of California - Davis

Infection Prevention and Control Basics for Small Animal Clinics  
Dr. Regina Wagner, University of Pennsylvania

Panel Q&A

**10:45 am**      **Break**

**11:00 am**      **Moderated Table Discussions on Hospital Antimicrobial Stewardship Programs**

- Among common barriers to antimicrobial stewardship program development, what should be prioritized? What could help address these barriers?
- How do you envision the network created by this workshop will support your efforts in creating or expanding your hospital antimicrobial stewardship program?
- What is your level of concern and what is the perceived level of concern from your colleagues for antimicrobial resistance in your hospital and/or your patient population? Please explain.
- What accreditation expectations should exist for antimicrobial stewardship programs in veterinary teaching hospitals?

**11:45 am**      **Large Group Discussions on Hospital Antimicrobial Stewardship Programs**

### **THANK YOU TO OUR SPONSORS!**

CLINICAL AND TRANSLATIONAL SCIENCE AWARD ONE HEALTH ALLIANCE (COHA) – travel stipends

MARS VETERINARY HEALTH – lunch

ZOETIS – breakfast

MERCK ANIMAL HEALTH – breakfast



**12:30 pm Lunch**

**1:30 pm Presentations on Research Opportunities and Needs**

Behavioral Interventions to Improve Antimicrobial Stewardship: What is the Evidence?  
Dr. Wendy Beauvais, Purdue University

Challenges with Creating Antibiograms from Veterinary Diagnostic Lab Data  
Dr. Casey Cazer, Cornell University

Evaluating Antimicrobial Use and Risk Factors for Prescription with the OMOP Veterinary Common Data Model  
Dr. Claire Fellman, Tufts University

Results of the 2022 Veterinary Teaching Hospital Point-Prevalence Survey of Antibiotic Use in Dogs and Cats  
Dr. Jennifer Granick, University of Minnesota

Successful Implementation of a Practical Non-Antimicrobial Alternative to Metronidazole in Acute Diarrhea  
Dr. Madeleine Stein, Tufts University

The Future of Antibiotics: A Pharmaceutical Industry Perspective  
Dr. John Hallberg, Zoetis

FDA's Efforts to Support Antimicrobial Stewardship in Veterinary Settings  
Dr. Kate Huebner and Dr. Sarah Peloquin, U.S. Food and Drug Administration

Panel Q&A

**3:45 pm Break**

**4:00 pm Moderated Table Discussions on Research Opportunities and Needs**

- What research needs can you identify as critical for improving antimicrobial stewardship in dogs and cats?
- What do we prioritize to support evidence-based prescribing for common infectious diseases (e.g., duration, PK/PD, clinical outcomes, client compliance)?
- Are you developing research initiatives for which you would like partnership from other veterinary teaching schools?
- What are next steps to measure antimicrobial use in small animal hospitals, both within teaching hospitals and nationally?
- What research is needed in veterinary medicine to provide justification for wider adoption of antimicrobial stewardship programs?

**4:45 pm Large Group Discussions on Research Opportunities and Needs**

**5:30 pm Day 1 Debrief**

**5:45 pm Adjourn**



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## Friday, August 25

**7:30 am**      **Breakfast**

**8:00 am**      **Welcome**

**8:15 am**      **Organizing Stewardship**

**9:00 am**      **Presentations on Antimicrobial Stewardship Curriculum**

SODAPOP: A Metacognitive Framework for Antimicrobial Selection  
Dr. Stephen Cole, University of Pennsylvania

Use of the CLSI Vet09 Document to Improve Antimicrobial Stewardship Education  
Dr. Amanda Kreuder, Iowa State University

Demystifying Antimicrobial Prescription Decision Making for Students  
Dr. Sara Lawhon, Texas A&M University

Overview of the NIAMRRE One Health Learning Objectives  
Dr. Paul Plummer, National Institute of Antimicrobial Resistance Research and Education (NIAMRRE)

Panel Q&A

**10:15 am**      **Break**

**10:30 am**      **Moderated Table Discussions on Antimicrobial Stewardship Curriculum Programs**

- What are strategies to create uniform messaging of antimicrobial stewardship concepts in the clinical setting?
- How can we measure the impact of curriculum or clinical education antimicrobial stewardship initiatives?
- What are barriers and needs to incorporate antimicrobial stewardship into your school's pre-clinical curriculum (or if you have been successful, what has worked)?
- What kind of antimicrobial stewardship outreach should be considered for hospitals in which clinical year students have externship experiences?

**11:15 am**      **Large Group Discussions on Antimicrobial Stewardship Curriculum**

**12:00 pm**      **Lunch**

**12:45 pm**      **Workshop Summary and Action Items**

**2:00 pm**      **Adjourn**

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