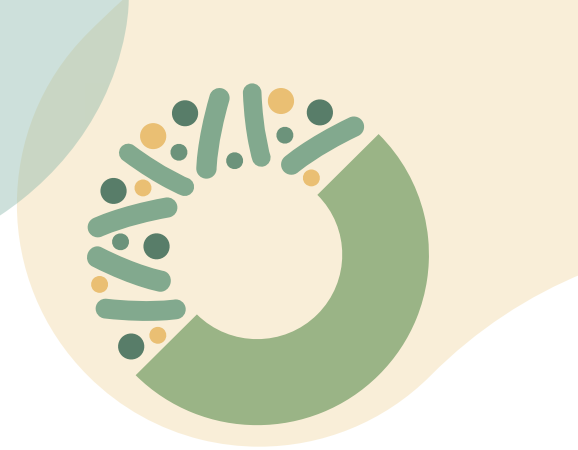# Antimicrobial Stewardship Teaching Resources

New Web-based Lessons Available for Use by Veterinary Educators

Practicing antimicrobial stewardship requires an integrated understanding of microbiology, immunology, pharmacology, clinical medicine, and public health. Many veterinary colleges find it challenging to teach antimicrobial stewardship in a vertically-integrated, outcomes-based manner due to the number of courses and faculty involved, as well as rapid changes in the scientific understanding of antimicrobial resistance and regulatory restrictions on antimicrobial use. A multi-institutional team of experts developed an online collection of evidence-based educational resources to help teach veterinary students the essential knowledge and skills to support judicious use of antimicrobials in clinical practice.

To access the course go to: tamucet.org/curriculum/AMR

To learn more, please watch the recorded informational webinar held March 25, 2022.

The webinar features content demonstrations and audience Q&A with a faculty panel on implementation.

**Watch:
tamucet.org/curriculum/AMR**

The online resource library covers:

- Antimicrobial pharmacology
- Mechanisms of antimicrobial resistance
- Public health implications of antimicrobial resistance
- Judicious antimicrobial use in clinical practice

The lessons and sub-sections can be used modularly, in any sequence, allowing faculty to utilize the items that best fit their students and course needs.

- Lesson 1: Antimicrobial Use and Resistance
- Lesson 2: Antimicrobial Resistance and Public Health
- Lesson 3: Antimicrobial Stewardship in Clinical Practice

Each peer-reviewed lesson contains:

- Foundational learning material
- Flexible learning activities that can be implemented inside or outside of class
- Assessments that have undergone psychometric analysis to ensure validity and reliability