## Background

- Antibiotic resistance is one of the biggest threats to global health, food security, and development.
- Antibiotic resistance can affect anyone, of any age, in any country.
- Antibiotic resistance occurs naturally, but misuse of antibiotics in humans and animals is accelerating the process.
- A growing number of infections are becoming harder to treat as the antibiotics used to treat them become less effective.
- Antibiotic resistance leads to longer hospital stays, higher medical costs and increased mortality.

## Pedagogy

- **Antimicrobial Resistance**
  - Traditional classroom presentation outlining mechanisms of resistance and responsible prescribing.
- **Prescribing Behavior**
  - On-line (Canvas) case discussion on the prescribing behavior of veterinarians.
- **Animal Microbial Use**
  - Traditional classroom presentation outlining mechanisms of resistance and responsible prescribing.
- **Veterinarian’s Role in Antimicrobial Stewardship**
  - Classroom discussion on antimicrobial stewardship based on hypothetical prescribing scenario.

## Outcomes

After completing this section, students will:

- Understand
- Assess
- Characterize
- Realize Consequences
- Commit

## Impacts

- Students will become aware of factors influencing antibiotic use
- 30 professional veterinary students will become conscientious antibiotic stewards

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**Assessment**

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