

**ONTARIO VETERINARY COLLEGE**  
**Project Proposal Form:**  
**Summer Research Assistantship**



**ONTARIO**  
**VETERINARY COLLEGE**

**1. BASIC INFORMATION**

Advisor Name: Scott Weese

Department: Pathobiology

Proposed Start Date: 2018-05-06

**CONTACT INFORMATION FOR STUDENT APPLICATIONS**

Name: Scott Weese

Phone Extension: 54064

Email: jsweese@uoguelph.ca

**2. DETAILS OF PROJECT**

Title of Proposed Project:

Antimicrobial stewardship in veterinary clinics

**Outline of Proposed Research Project (please keep concise, approximately ½ page or less):**

The global epidemic of antimicrobial resistance has led to increasing need for 'antibiotic stewardship', a collection of practices to optimize the effectiveness of antimicrobial therapy while minimizing the negative consequences on human and animal health, particularly antimicrobial resistance. A variety of approaches can be used, yet limited information about the effectiveness of different measures is available. This summer research program will involve multiple facets of antimicrobial stewardship, including assessment of current antimicrobial use practices in veterinary facilities and the impact of a targeted intervention to improve antimicrobial use for one or more clinical conditions. The student will get exposure to various clinical and antimicrobial stewardship concepts, participate in study design, coordinate data collection and assist with implementation and assessment of the intervention.

**3. AVAILABLE ASSISTANTSHIPS**

Select assistantship most relevant to the proposed research project (multiple boxes may be checked).

Please note restrictions.

- Andrea Leger Dunbar Summer Research Assistantship:**  
No restrictions
- James and Marjorie Pinkney Research Scholarship:**  
Projects in *animal health and welfare*, restricted to veterinary students
- OVC Summer Research Studentship:**  
Restricted to veterinary students



**Boehringer Ingelheim (previously Merial) Veterinary Scholars Program:**  
Projects in *veterinary medicine*, restricted to veterinary students