

Faculty First Grant Report - 2016

Small Animal Anesthesia instructional video

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Project Overview and Course Overview

Describe the project and the affected course(s).

The objective of this project was to produce a digital instructional video for veterinary students. The primary users of this material include the second year veterinary students enrolled in veterinary anesthesiology course- VM832, and the fourth year veterinary students enrolled in clinical anesthesia rotation- VM870. In addition, this material is useful for all veterinary students at any stage of their curriculum, as a useful resource of anesthesia.

Semesters the course has been and/or will be taught

List semesters when the developed materials and course have been/will be implemented.

Clinical Anesthesia rotation (VM870) is a year-around course and veterinary anesthesiology- VM832 course is currently offered each fall semester.

Number of students affected

How many students are enrolled in the course(s) affected by the project – per year?

The average class size for VM832 is about 85 students and approximately the same number of students on their 4th year will go through VM870 over the course of the year in groups of 5-8.

What's your projection for the future enrollment?

About 10-20% annual increase in accordance with the increase in class size.

Project outcomes and products

Describe the outcomes and products of this project.

This instructional video demonstrates a close-up view of different phases of anesthetizing dogs (2 subjects) including physical exam, injection of drugs, intravenous catheter placement, monitoring of anesthesia and recovery from anaesthesia). The final edit of the product is underway and will become available to students prior to their laboratory session to prepare them for the laboratory experience in a more effective manner.

Please include samples of the instructional materials that were created during the project.

- Include a web address (URL) of the online instructional materials if the materials are public. **In process**
- Insert the screenshots of a few online instructional materials if they are password-protected.
- Attach any instructional materials as documents if you would like to share them with the public. We will upload the documents, together with your report, to the OIT website.

Student Evaluation

Have you already used the developed instructional materials in a course? Then summarize the results of project evaluation.

No, this is the first time.

- How did the project affect student learning?
- What feedback did you receive from the students?

If the project has not yet been implemented in the course, outline your assessment plan. When can we contact you about the results? We will update this report when you share your evaluation results with us.

We are hoping that students would use this material in fall 2017 and before the end of the year we will receive their input. Written students' input will be collected as a part of the course evaluation at the end of the semester.

Project benefits for the department and UT

How did your project help the department achieve its goals?

This would be an important step in improving the quality of student teaching.

How did this project contribute to the university's Top 25 goal?

This project is an example of the efforts in improving student teaching. Such materials and efforts will improve the overall quality of teaching and will promote the position of the university in its teaching mission.

Conclusion

Has this project met your goals?

Yes!

What worked well and what did not work well?

Different steps of the project including preparation, video recording, and editing were performed with excellence. Some minor limitations were imposed due to the location of the recordings and the inherent nature of working with live animals.

What was your experience collaborating with OIT?

Excellent!

What are your future plans/goals regarding this project?

Hoping to include a full-extent narration in the footage.