

**IITG Project Outcomes Form - Report Outcomes :
Entry # 891****Name of person reporting outcomes**

Allison Miller

Emailavh6@cornell.edu**IITG Project Title**

2019-Cornell-Miller-Equine Distal Limb

Have you applied for, or received additional funds? (choose all that apply):

- Consider the project complete, and do not intend to seek additional support

In 1-3 sentences, how would you describe how your project helps advance the SUNY mission?

The availability of experiential online learning tools has become more important now than ever. This system will help students in both the undergraduate and professional SUNY system gain experience with musculoskeletal ultrasound, and provide a tool to be used in extension programs for teaching as well. It's broader impact includes using the intelligent tutor system program to apply to other subjects and learning situations.

Unknown at this time - possibility to continue development of the ITS and apply to other courses in curriculum

1st Choice:

Assessment, Understanding, Monitoring Student Progress

Assessment, Understanding, Monitoring Student Progress

- Adaptive Learning Technologies
- Competency Based Education (CBE)

2nd Choice:

Connected Learning Models

Connected Learning Models

- Active Learning

3rd Choice:

Instructional Technologies

Instructional Technologies

**IITG Project Outcomes Form - Report Outcomes :
Entry # 891**

- Mobile Learning
- Open Educational Resources (OER)

What recommendations would you make to scale-up or share your project more broadly (within an educational sector, or perhaps SUNY-wide)?

We need to figure out how to package all the components as a downloadable entity either online or through a CD. COVID has prevented any in person meetings to further work on these ideas and put them into action due to the large amount of work switching courses from in person to online and additional administrative duties.

Additionally or another object, would be to share the ITS source code so that it can be adapted and used in other courses.

animal science, veterinary science (at this time)

Unsure at this time

Do you wish your current abstract to be used?

Yes

If you wish to re-word the abstract to reflect updates or outcomes, you may do so in this text box (please keep it brief – less than 150 words - you can expand on this in your files and links)

Link takes to error page so can't review abstract but assuming it is okay and relevant at this time.

File One Upload and Brief Description

<https://secure.vet.cornell.edu/oed/miller/anatomyreview/interactive1.html>

<https://secure.vet.cornell.edu/oed/miller/anatomyreview/interactive2.html>

Sites that contain interactives for anatomy component of the module. Also serve as link to provide back to students to be able to answer questions in the ITS if they are getting a number of anatomy or attachment questions incorrect. Creative commons license still needs to be designed and applied to these pages.

File Two Upload and Brief Description

<https://www.youtube.com/watch?v=CyBhk8LwLb8>

<https://www.youtube.com/watch?v=CyBhk8LwLb8>

<https://www.youtube.com/watch?v=nYd869OApHY>

Links to videos that provide background information on ultrasound and ultrasound techniques for students to be able to answer questions in ITS. Also serve as link to provide back to students if they answer many questions on a specific content incorrectly in the ITS.

File Three Upload and Brief Description

**IITG Project Outcomes Form - Report Outcomes :
Entry # 891**

<https://github.com/tobydragon/PAR>

Here is the current link to the code repository for the PAR ITS. All these links need to be assembled together on a central site for download and/or packaged into a downloadable cd format to make OER.

Any additional comments or resources you wish to share?

We all learned so much from this project as there were many of us working on it throughout the year so each piece was being developed independent of the other based on everyone's expertise. We were able to rapidly pull it all together in the late spring to pilot it to a group of 25 veterinary students who had their clinical year rapidly cut short due to COVID and lost the opportunity for many hands on courses in their last eight weeks of their education. The student survey responses were extremely positive. The plan for this upcoming year is to implement its use in other courses both at the veterinary (preclinical and clinical) curriculum and in undergraduate animal science programs where courses may have had to move online. These resources have already proven to be valuable to allowing our students to continue to have a high level of learning despite an online or hybrid learning model. THANK YOU SUNY!!!

Consistent with the RFP, you must indicate which Creative Commons license you intend to use.

Attribution – Non-Commercial - Share Alike