

Faculty Innovator Grant 2016  
Center for Learning and Teaching

Final Report Form

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Project Title: (10 words or less)	Development of Training Modules for Clinical Outcomes Assessment

*Other faculty:*

Faculty Name:	Department	Email Address	Office Phone Number
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1. Describe the specific teaching and learning issues being addressed by the proposal.

***Students in the Old Dominion University Post-Professional Masters in Athletic Training Program utilize clinical outcomes in their clinical practice. However, due to varying degrees of exposure in their entry-level programming, not all students are able to implement these outcomes when they begin their practice upon entry into the ODU PPATP. The development of training modules for commonly used clinician based outcomes can provide students with the education or refresher they need to implement the outcomes into their practice. This implementation will develop clinical reasoning skills and document quality improvement during patient care.***

2. Describe the revised specific teaching and learning issues being addressed by the proposal (if applicable):

***Not applicable.***

3. Describe the development activities involved addressing the learning or teaching issue.

***In order to address the learning issue, we developed training modules for six different clinician based outcome measures. The following steps were performed for each outcome measure:***

- 1. A standard operating procedure for outcome collection was developed***
- 2. An informational PowerPoint presentation was developed***
- 3. Videos of clinicians collecting the outcomes were captured***
- 4. Voice recordings for the PowerPoint presentations were recorded***
- 5. The PowerPoint, video, and audio were edited to develop one training module***
- 6. The practicum course blackboard sites were updated to include a training module section. One module for each outcome was created. The modules contained a copy of the standard operating procedures, the videos and references.***

4. Describe the learning outcomes attained by the project.

***The objective of this project was to develop learning modules for six commonly used clinician based outcomes. The learning modules were posted in both practicum courses offered in the Fall. Following review of the learning modules the students should be able to:***

- 1) Discuss the purpose of the selected outcome***
- 2) Understand how to administer and collect the outcome in practice***
- 3) Collect the outcome in a systematic, reproducible manner throughout the treatment process***
- 4) Evaluate treatment effectiveness based on the outcomes collected during the treatment process***

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**5) Value outcomes collection in clinical practice**

5. Describe unexpected outcomes, if any.

***There were no unexpected outcomes.***

6. Describe the impact of the completed project on your colleagues, department, college, or community.

***These modules have provided additional educational materials for the students. This in turn has allowed the students to reference these materials throughout the semester, on their own time, and while at their clinical sites. Of the 14 students that completed the post-assessment, 12 students reported they incorporated the outcomes presented in these modules during the Fall semester.***

***Additionally, these modules can be used to standardize collection of these outcomes in research. All of students participate in research projects. Often our projects utilize one or more of these outcomes. These videos will also help standardize data collection methods for future projects in which our students participate.***

7. Describe how the project can be a model, template, or prototype for use by other instructors.

***Technology allows for information to be continually delivered, made available, and accessible. The ability to develop modules that provide students with written, visual and audio explanation of how to complete a task in addition to literature to support the use of the task is influential to their development. Faculty can develop these modules for skills that are necessary for students to integrate into their practice or assistantship, when the faculty are unable to be in attendance, and this could enhance the student's utilization of these skills in these arenas. Not only will this enhance the utilization of the skills but it can also standardize how the skills are performed and implemented.***

8. Describe the technology used to help address the issues described in the proposal.

***Dr. Hoch and Mr. Hartman utilized PowerPoint to develop the learning modules and the audio booth technologies to record our lectures. Members of the CLT utilized cameras and editing software to film the assessments, to edit the assessments and to overlay the PowerPoint, Videos and Voice recordings. These were then placed on the course Blackboard sites and individual learning modules were created.***

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9. Describe products, if any, that are a result of the project.

***The products associated with this project include 6 edited videos which include voiced over PowerPoint presentations and videos of actors performing the assessments. These videos were then placed on the course Blackboard sites and additional references and the standard operating procedures used in the videos were provided.***

10. Describe the future plans for this project, if any.

***These modules will continue to be posted onto the Practicum I-IV course Blackboard sites. Students will be encouraged to use these outcomes in the clinical outcome assessment plans (COA) which is a required assignment for the practicum course. These videos are also useful for standardizing outcomes collection for research purposes and can be used for future research as well.***

11. Attach a financial report with updated Budget Plan Matrix.

**Final Budget Matrix**

			Source of Funds	
Budget Item (equipment, personnel, software, etc.)	Qty	Total Cost	Amount from FIG	Amount from Other Source
Video Recording and Editing		2400	2400	
Stipend		600	600	

***We were awarded \$3000. A total of \$2400 was an in-kind contribution for video recording and editing. The remaining \$600 was provided as a stipend and split between the two investigators.***