Integrated Cluster Project Completion Report

Project Title: Cadaver Lab 2018

Project Synopsis (objectives & outcomes): Students were introduced to the cadaver dissection process and were able to identify anatomic structures. They applied evidence that they learned in the classroom and valued the interprofessional team approach to sports medicine.

Project Leader/Leaders: Linda Levy, AT Program Director, Sami Urbon representing the AT Club

1st Funding Cluster: Health & Human Enrichment

2nd Funding Cluster: N/A

3rd Funding Cluster: N/A

Project Activity Code:

Project Duration: 03/12/2018

Project Accomplishments Summary Statement: Fifteen undergraduate and graduate Athletic Training, Exercise & Sports Physiology, and Physical Therapy majors attended. This cluster project was held at Bedford Ambulatory Surgical Center under the supervision of New Hampshire Musculoskeletal Institute (NHMI). Students observed a hip dissection that was performed by surgeon Dr. Vailis of New Hampshire Orthopedic Center. The students were able to follow along with each step of the dissection with a thorough explanation by the clinician of each structure seen. The clinician allowed each student to handle the specimen at the end of the dissection to get a further understanding of all structures and how they functioned.

Future Recommendations/ Lessons-learned: Future cadaver labs with NHMI could include, nursing, physical therapy and other Health and Human Performance majors. Each cadaver lab is limited to 15 students for the best learning opportunity, adding two cadaver labs a year would allow more students to attend.

Project Documents/Pictures/Videos On-line Archive: none available

Project Completion Report Date: 3/21/2017

☒ I/We, as Project Leader/Leaders, understand that funding is limited to the scope of this project, that all expenses associated with this project have been filed, and that no reimbursements are possible after the Project Completion Report has been submitted.

Project Assessment Criteria (both Qualitative and Quantitative responses):

☐ High impact outcomes and measureable objectives that were achieved: Students were able to have an interactive experience with a cadaver’s hip. This allowed the students to take away a deeper understanding of anatomical structures in a three dimensional manner.

☐ Cross disciplinary strengths in service, scholarship, and research in evidence: Students from three different disciplines were integrated in this open lab, giving each student the ability to gain a deeper knowledge of anatomical structures.
The needs of PSU’s external stakeholders and partners that were satisfied: Dr. Vailis was a wonderful host and expressed his satisfaction with the students' knowledge and inquisitiveness.

Primary PSU resources (e.g., faculty; staff; facilities; funding) that were utilized: The Health and Human Enrichment Cluster/Open Lab fund.

Quantity of Students participating in experiential, high impact learning: Fifteen students participated in the cadaver lab including those students from the undergraduate and graduate Athletic Training program, the Exercise & Sport Physiology program and the Doctorate of Physical Therapy program.

Academic disciplines employed in real world social issues / problem-solving: This lab included majors from the Health & Human Enrichment Cluster who were able to take their classroom learning and be apply it in a more three dimensional way.

PSU skills, knowledge, and experience competencies to be reapplied in the future: In the future, students will be able to participate in cadaver labs that involve other body parts, if funding is available.

Growth opportunities for future PSU participants and stakeholders/partners: NHMI has offered to hold bi-annual cadaver labs for students to gain an enhanced knowledge of anatomical science.

Potential ideas for growth, development, continued enrichment, & external investments: With a limit to fifteen student participants holding bi-annual cadaver labs would allow for more students to gain a deeper knowledge of three dimensional anatomical science of multiple body parts.

Direct linkage evidence to PSU and cluster vision and mission: This open lab gave students the opportunity to have an interactive project based experience to gain deeper knowledge of classroom learning and application.