



SoTL Grant Closure Report (2020 – 20221)

I. Basic Information

Title of Project: Asynchronous Simulated Telehealth or Graduate Nursing Students in an Online Pharmacology for Advanced Practice Course

Investigator(s) Information

Principal Investigator:

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II. Project Update

Research Question

1. How did students perceive the effectiveness of the asynchronous simulation-based telehealth experience in meeting their learning needs?
2. Did students perceive the asynchronous simulation-based telehealth experience as a valuable learning experience?

Progress Report

Data collection began in December 2020 via a recruitment email sent through Qualtrics by our research assistant. The survey had a 22% (n=4) response rate after 7 reminder emails were sent. The survey closed in April 2020. Our research assistant completed a database search and annotated bibliography of our selected studies from the database search results. The research assistant's position ended in April 2021. Data analysis was completed in June 2021.

Impact

Survey results showed that students perceived the asynchronous simulated telehealth experience was a valuable learning experience and felt it was relevant to their future role. Participants reported improved self-confidence in providing telehealth nursing care and increased their knowledge of pathophysiology

Asynchronous Simulated Telehealth or Graduate Nursing Students in an Online Pharmacology for Advanced Practice Course

and pharmacology and met their learning needs. Although the sample size was small, there was 100% of participants agreed to add more asynchronous simulated telehealth experiences as it improved learning, confidence, and teamwork and collaboration skills. It is recommended this effective, cost-effective and sustainable innovation be utilized within distance education nursing programs.

Dissemination

This study was accepted for poster presentation at the International Association for Clinical Simulation and Learning (INACSL) annual conference. The conference was held virtually in June 2021. Additionally, an innovation manuscript was submitted to *Clinical Simulation in Nursing* describing of the asynchronous simulated telehealth experience strategy. It is currently under review. Finally, the team is working on a research brief manuscript sharing the results of the study.

III. Expense Report

Expenditure	Amount Requested	Amount Spent	Notes
Starbuck’s eGift Card	\$100.00	\$10.00	2/4 participants opted not to send their email to receive the e-gift card. There were only total 4 participants
One-day INACSL Conference Registration Fee	\$1200.00	\$598.00	Only 2/3 researchers attended the virtual conference
Student Research Assistant 3 hours per week @ \$14.00/hr X 16 weeks (inputting survey in Qualtics, sending recruitment emails, creating data tables, assisting write-up of manuscript)	\$672.00	\$666.22 gross	Actual salary was \$14.50/hr for a total of 42.95 hours worked December 2020-April 2021
Airfare to Denver, CO for conference travel (fees associated with hotel/airfare will be covered as	\$528.00	\$0.00	This expense was not needed since the conference shifted from face-to-face to a virtual conference.

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out-of-pocket expenses) X3			
	Total	Total	
	\$2500	\$1274.22	