COLLEGE OF NURSING

SUMMER RESEARCH OPPORTUNITIES FOR UNDERGRADUATE WOMEN

APPLICATION DEADLINE: 03/01/2019

PROJECT TITLE: Virtual Reality Simulations & Social Determinants of Health

Gordon Gillespie
College of Nursing
305 Procter Hall (P.O. Box 210038)
Cincinnati, OH 45221
gordon.gillespie@uc.edu
Phone: 513-558-5236

Sue Brammer
College of Nursing
275 Procter Hall (P.O. Box 210038)
Cincinnati, OH 45221
brammesv@ucmail.uc.edu
Phone: 513-558-5219

Project Description

An interprofessional team of nurses and physicians are partnering with UCIT to design and pilot test two virtual reality (VR) simulations. The VR simulations, once developed, will be implemented with physicians, nurse practitioners, and other office personnel in the Southwest Ohio region. The purpose of the simulations are to create a VR experience for Ohio Medicaid providers to have a lived experience of what it is like to have a mental health disorder while being challenged by various social determinants of health such as poverty. For this federally funded project, the WISE student will assist with VR implementation, collection of survey data evaluating the VR simulations, and analysis of the study findings. The mentor for this study will provide training in data collection, analysis, and writing an abstract. In addition, the student will attend team meetings and learn how VR simulations are created (the VR hub is located in University Hall adjacent to Procter Hall/College of Nursing). For this project, preference will be given to a nursing student.