# *Students' online global Survey*

## *- Participant information Sheet -*

**Understanding barriers and facilitators impacting the integration of computer-based simulation in pharmacy practice education**

Dear Participant,

1. **Invitation**

   Computer-based simulation in healthcare education can be defined as a virtual simulation of real-life scenarios that allow learners/users to replicate the role of a particular health professional**.** This type of simulation-based training has been gaining interest in the past few years, but despite products being available, uptake remains relatively low in pharmacy practice education, when compared to some other healthcare disciplines. To date, the reasons to explain this poor uptake are not well understood.

   You are invited to participate in our research which seeks to understand the barriers and facilitators impacting the use of computer-based simulation in pharmacy practice education.

2. **What is the purpose of this study?**

   The purpose of this study is to understand and identify barriers and facilitators impacting the integration of computer-based simulation in pharmacy practice education.

3. **How is the study being funded?**

   The research is being funded as part of a PhD project by the School of Pharmacy and Pharmacology, University of Tasmania, Australia.

4. **Why have I been invited to participate?**

   Your feedback as a pharmacy student will help us better understand why educational institutions do or do not choose to use computer-based simulation in the education they provide.

   Your involvement in this study is entirely voluntary, and if you do not agree to take part, we respect your right to decline. There will be no consequences to you whether you decide to participate or not.

5. **What will I be asked to do?**

   You will be asked to complete an online survey that will take up to 15 minutes to complete. In this survey, we will ask questions about your views on the use of computer-based simulation in pharmacy practice education.

   ***Students' survey*** *questions will highlight the following:*

   1. Demographics (place of study, type of pharmacy program).

   2. Opinions on the use of computer-based simulation in pharmacy practice training.

   3. Previous experiences in using computer-based simulations in pharmacy training (if any).

6. **Are there any possible benefits from participation in this study?**

   Participants who complete the survey will have the option to enter in a random draw to potentially receive one of ten virtual gift cards valued at $50 (AUD) by email. Other than that, we do not expect direct benefits for participants in this study. However, the results of this study may help shape recommendations for educators and pharmacy schools/colleges/faculties to efficiently implement computer-based simulations within the pharmacy practice curriculum, which may have a positive effect on the training of future pharmacy students.

   *While this study will present findings and recommendations to different stakeholders, it cannot be guaranteed that the findings/recommendations will translate into institutional or policy changes. This is made clear in the information sheet.

7. **Are there any possible risks from participation in this study?**

   There are no foreseeable risks with participation in this study.

8. **What if I change my mind during or after the study?**

   Participation is entirely voluntary. You are free to withdraw (by stopping completion of the survey) at any time, without having to explain why. If you withdraw prior to the completion of the survey, your responses will not be included. Once you have submitted your completed survey, your responses will not be identifiable, or deleted.

9. **What will happen to the data when this study is over?**

Hard copies of any documents pertaining to this research will be securely stored in a locked filing cabinet in a secure office at the School of Pharmacy and Pharmacology, University of Tasmania, Australia. Electronic data related to the project will not contain any identifiable information and will be password-protected and stored within Microsoft OneDrive on the UTAS College of Health and Medicine server. The research data will be archived in the UTAS Research Data Portal after the completion of the research project.

The RDP is noted as being encrypted and is recommended by UTAS to archive the research data (https://rdp.utas.edu.au/#/). The data will be accessible to only the researchers listed on this application and retained for five years after publication or longer (until it no longer has research value). After this time, access to the data will be removed.

## 10. How will the results be published?

The aim is to publish the findings in a scientific journal, PhD thesis and/or at scientific conferences. No study participant will be identifiable in any publication, as the data will be entirely anonymous. If you wish to be notified of the results of this study, please feel free to contact us.

## 11. What if I have questions about the study?

The contact details of the researchers involved in the study are provided below, if you have any questions or concerns.

**Research Team**

- Dr Mohammed Salahudeen, (Chief Investigator),
  email: mohammed.salahudeen@utas.edu.au.
- Distinguished Prof Gregory Peterson, (Associate Investigator),
  email: g.peterson@utas.edu.au
- Dr Ivan Bindoff, (Associate Investigator),
  email: ivan.bindoff@utas.edu.au.
- Mr Ahmed Gharib, (Associate Investigator),
  email: ahmed.gharib@utas.edu.au.

## 12. **Concerns or complaints**

This study has been approved by the University of Tasmania Human Research Ethics Committee, Australia. If you have concerns or complaints about the conduct of this study, please contact the Executive Officer of the HREC (Tasmania) Network on +61 3 6226 6254 or email: human.ethics@utas.edu.au. The Executive Officer is the person nominated to receive complaints from research participants. Please quote the ethics reference number [26897].

**Your consent to participate in this research is implied by completing and submitting this survey.**

**\*Thank you for taking the time to consider participating in this research\***

**You may keep a copy of this information sheet by printing it or saving a copy on your computer.**