



## Why Interprofessional Education?

- Safe, high-quality healthcare
- 5 times less likely to experience avoidable complications
- IPE is a vital component of education curriculum for healthcare students
  - It decreases medical errors
  - Increases collaborative care
  - Improves patient outcomes

(Buring et al., 2009; Gaglioti et al., 2017; Guraya & Barr, 2018; Interprofessional Education Collaboration, 2016; Reeves, 2015; Rosen et al., 2018; Palaganas et al., 2015; Reeves, Fletcher et al., 2016; WHO, 2010)



## The Problem

Johns Hopkins Notre Dame Interprofessional Education Collaborative '19 did not:

- Impact interprofessional education collaboration competencies
- Adequately prepare students to work in interdisciplinary teams

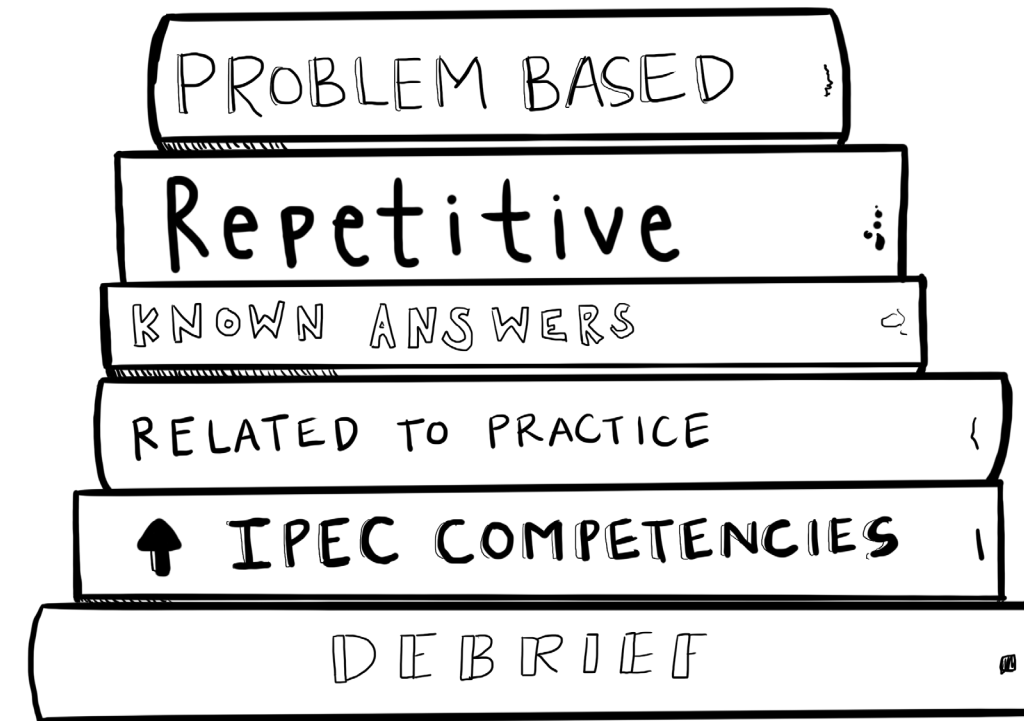
(unpublished observation/private communication)



## AIMS

The aim of this event was to increase students competence in the interprofessional education competencies.

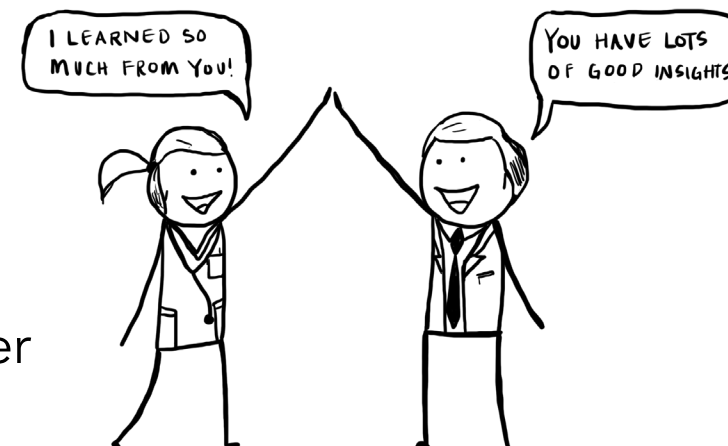
## Literature



(Annear et al., 2016; Astbury et al., 2020; Brashers et al., 2016; Burgess et al., 2020; Hadley et al., 2018; IPEC expert panel, 2011; King et al., 2013; Lackie et al., 2022; Lee et al., 2020; Shrader et al., 2016; IPEC expert panel, 2011; Stehlik et al., 2018; Taylor et al., 2017; Thompson, 2010; Villadsen et al., 2012)

## The Event

- 2-hour, synchronous, virtual interprofessional education activity
- Nursing students and pharmacy student interns with Doctor of Nursing Practice students as facilitators
- **Problem:** patients medication
- **Repetitive:** multiple medication issues to work through
- **Related to practice:** this is a patient from nursing students clinicals
- **Known answers:** between the nursing and pharmacy students the knowledge to complete the activity was present
- **Debrief:** we held a small group and large group debrief
- **Interprofessional Education Collaboration competencies:** we focused on having them work as team and use each other as resources



## Evaluation

- IPEC Competency Self-Assessment Tool Version 3 plus
- 2 free response questions: what went well and what could be improved on

## Results

|  | Wilcoxon signed-rank test |        |       |
|--|---------------------------|--------|-------|
|  | p                         | z      | r     |
| Aim 1a: nursing students' competency in interprofessional interaction  | <0.001                    | -6.247 | 0.769 |
| Aim 1b: pharmacy students' competency in interprofessional interaction | <0.001                    | -3.604 | 0.874 |
| Aim 2a: nursing students' competency in interprofessional values       | <0.001                    | -4.311 | 0.571 |
| Aim 2b: pharmacy students' competency in interprofessional values      | <0.004                    | -2.899 | 0.775 |



- Students competency in the Interprofessional Education competencies increased significantly
- Students felt like the event was beneficial to their education
- This study suggest that the six themes used contribute to successful interprofessional education event