

# Let's ChatGPT: Implementation of a ChatGPT-Generated Social Determinants of Health Activity

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## Major Takeaways

- ChatGPT can be a valuable tool that reduces preparation time and improves productivity.
- Educators must review materials critically before implementation or use in the classroom.

## Objective

- Evaluate the implementation of a ChatGPT-generated social determinants of health (SDOH)-focused activity in team-based pharmacy education

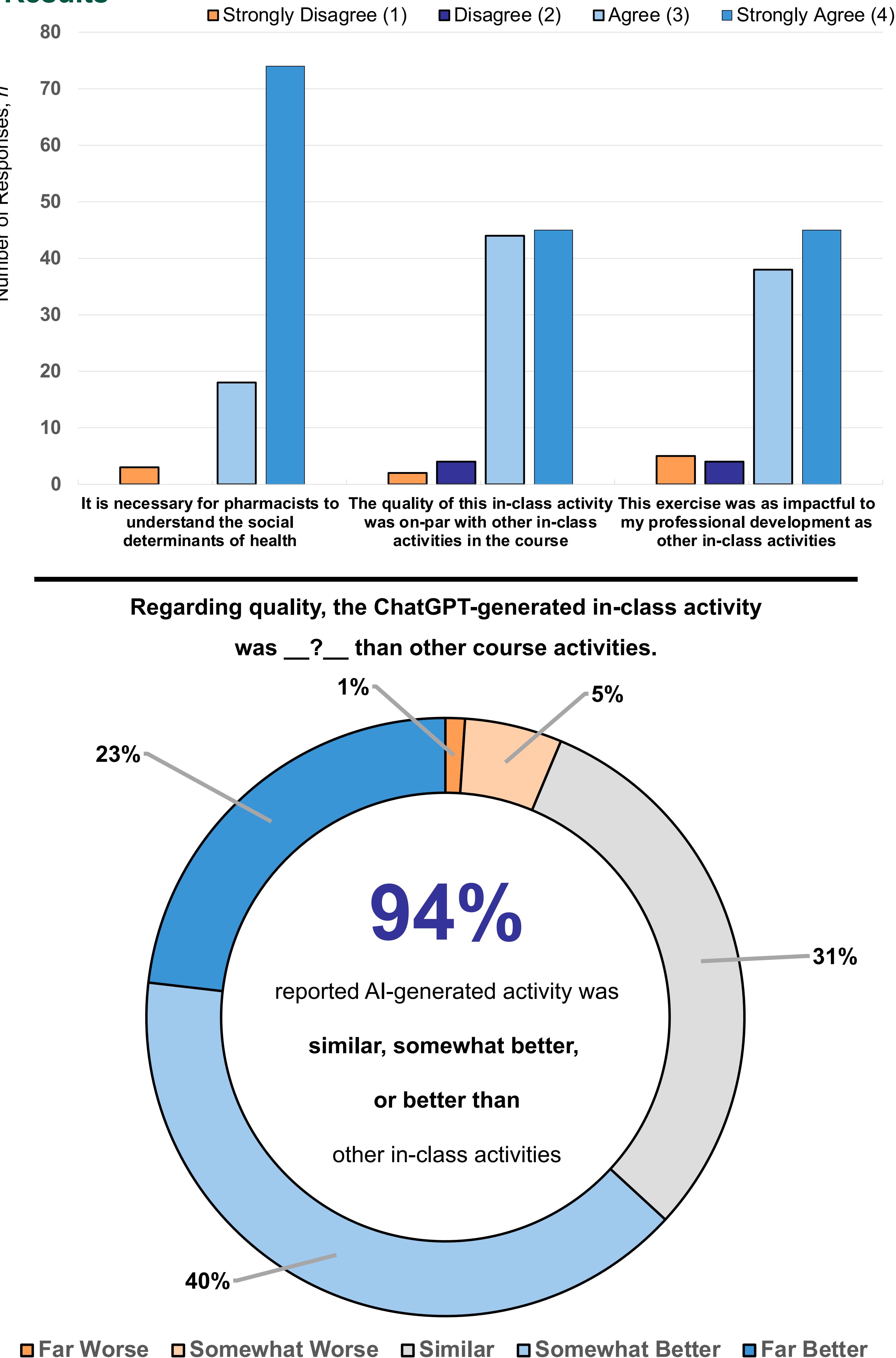
## Introduction

- In 2022, AI utilization globally was 35%, a 4% increase from 2021, according to IBM.
- ChatGPT is an AI chatbot that, when prompted, scours thousands of sources and generates a response without requiring further input.
- AI programs have demonstrated notable benefits for learners; however, these benefits for educators have yet to be evaluated.

## Methods

- 95 first year, student pharmacists participated
- Implemented SDOH activity within a 1st-year team-based pharmacy course at UTHSC
- ChatGPT generated:
  - Learning objectives
  - In-class activity
  - Assessment strategies and validated tools
- Instructors reframed logistics to ensure the activity fit appropriately within the course
- Data were analyzed using descriptive statistics

## Results



## Supplementary materials

SCAN ME



## Limitations

- ChatGPT helped generate useful ideas or activities, but the major limitation was generating incorrect or false information.
  - Concerningly, incorrect information was often presented as fact or scientifically valid.

Prompt	"Validated tools to assess student understanding of SDOH"
Output	<b>Social Determinants of Health Awareness Scale (SDHAS):</b> This is a 15-item self-reported questionnaire designed to assess awareness and understanding of the social determinants of health among healthcare professionals. It's been validated for use in multiple countries/languages.

## SDHAS Assessment Tool does not exist.

- The applicability, logistics, and pertinence of the outputs were superficial, which required additional tailoring to use.

## Conclusions

- Most students found the activity to be similar to or better quality than other activities.
- ChatGPT reduces class preparation time and improves faculty productivity
- Significant limitations, like generating incorrect or false information, should prompt educators to review the generated outputs critically before use