

# Students Perceptions of Barriers to Innovation in Pharmacy Practice

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## Background

- Innovation advances pharmacy practice.
- Pharmacists expected to engage in innovative problem-solving.
- Limited training on innovation implementation.
- Limited research on barriers to innovation in pharmacy students or practice.

## Objective

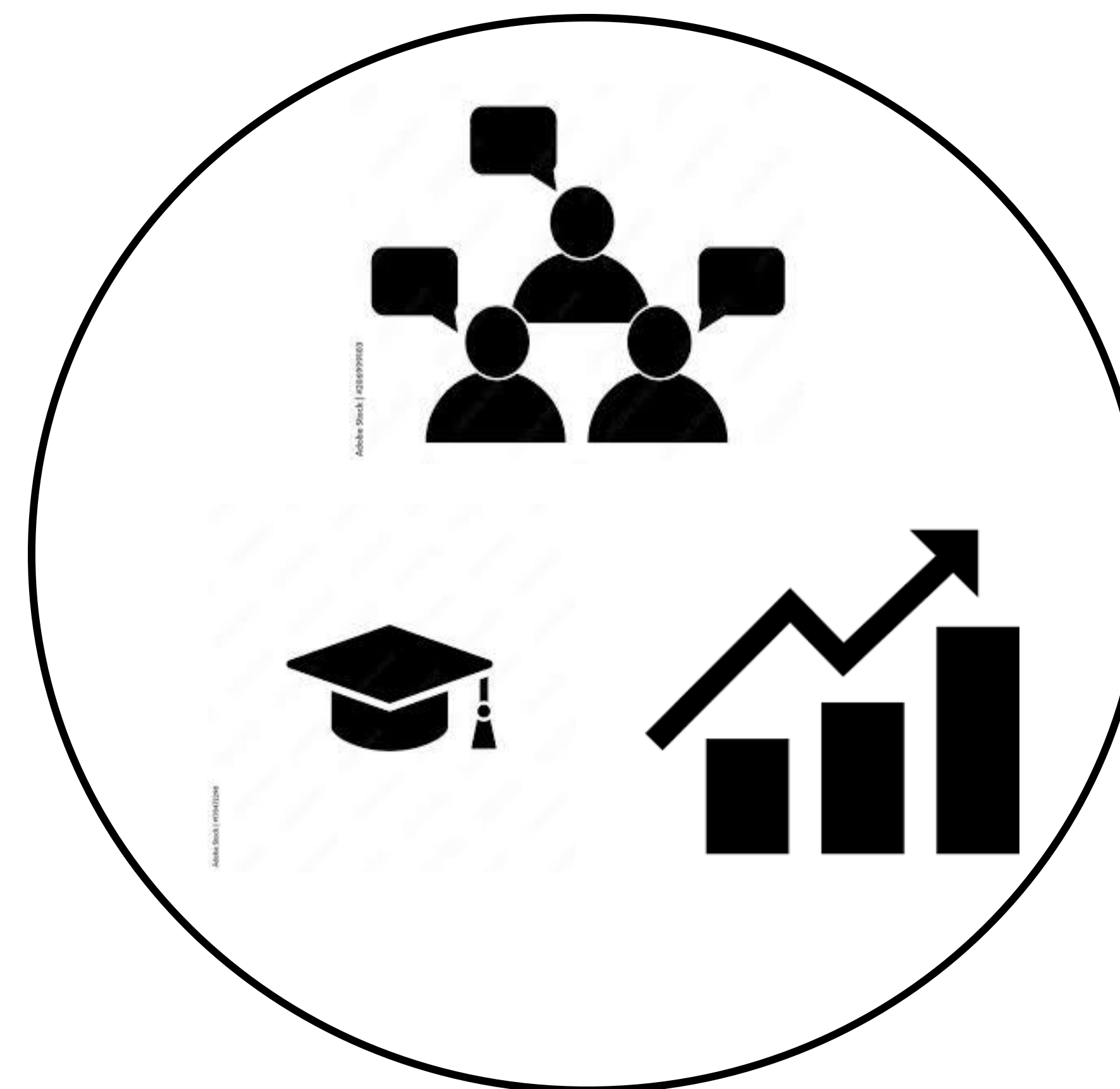
- Identify perceived barriers to innovation in students at SIUE.
- Propose strategies to help overcome these barriers.

## Methods

- Inductive qualitative thematic analysis.
- Analyzed deidentified pharmacy student responses (2022-2024).
- Three coding rounds using MAXQDA software; codebook was developed and refined.
- Two researchers coded independently and resolved discrepancies in group discussion.
- IRB approval obtained from SIUE.

## Results

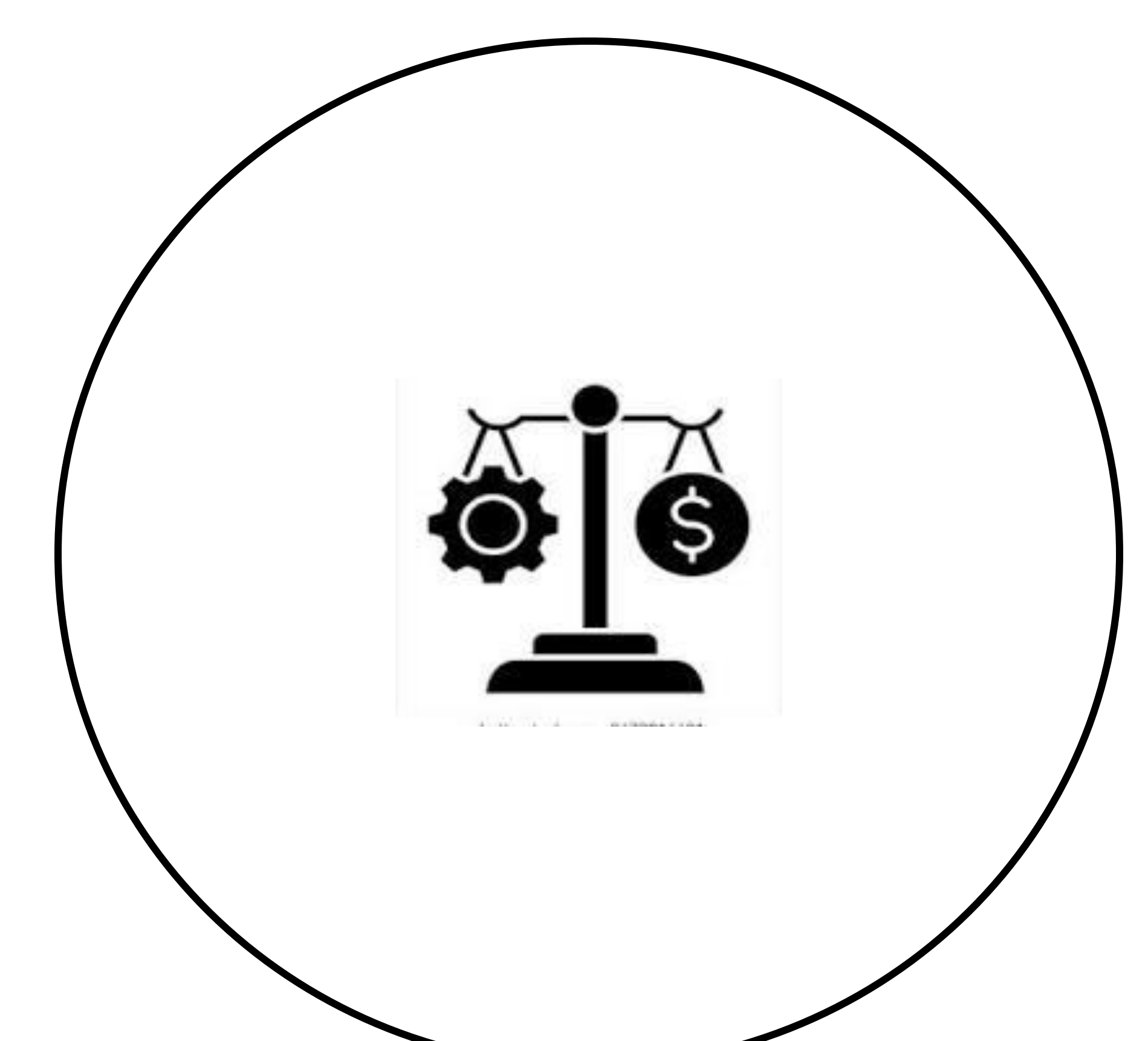
- 169 total responses analyzed.
- Seven barriers emerged from coded segment, which were further grouped into three domains.



**Skill and Experience Barriers**



**Self-Perceptions Barriers**



**Structural Constraints**

## Limitations

- Only included students at a single school.
- Analyzed pre-existing student responses.
- Did not include insight from practicing pharmacists.

## Conclusion

- Innovation barriers include external systems and internal beliefs.
- Mindset and professional identity strongly influence innovation.
- Strategies should focus on mindset, skill development, and organizational barriers.