

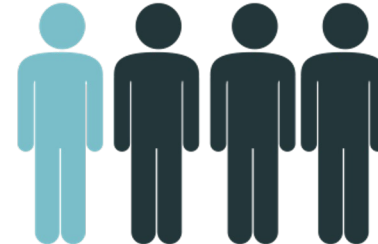
# Expected Impact of Community-Based Education with People Experiencing Substance Use Disorder on Pharmacy Student Skill and Comfort Level with Patient Interaction

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## Background

- 10% of US adults have experienced Substance Use Disorder (SUD) at some point in their lives.<sup>1</sup>
- Only 25% of affected adults have received treatment.<sup>1</sup> 
- Patients who are labeled drug seekers are often denied pain treatment.<sup>2</sup>
- In a study involving emergency department nurses undergoing simulation vs. didactic training about SUD, simulation increased scores on a self reported comfort scale more than didactic training.<sup>3</sup>

## Project Origin

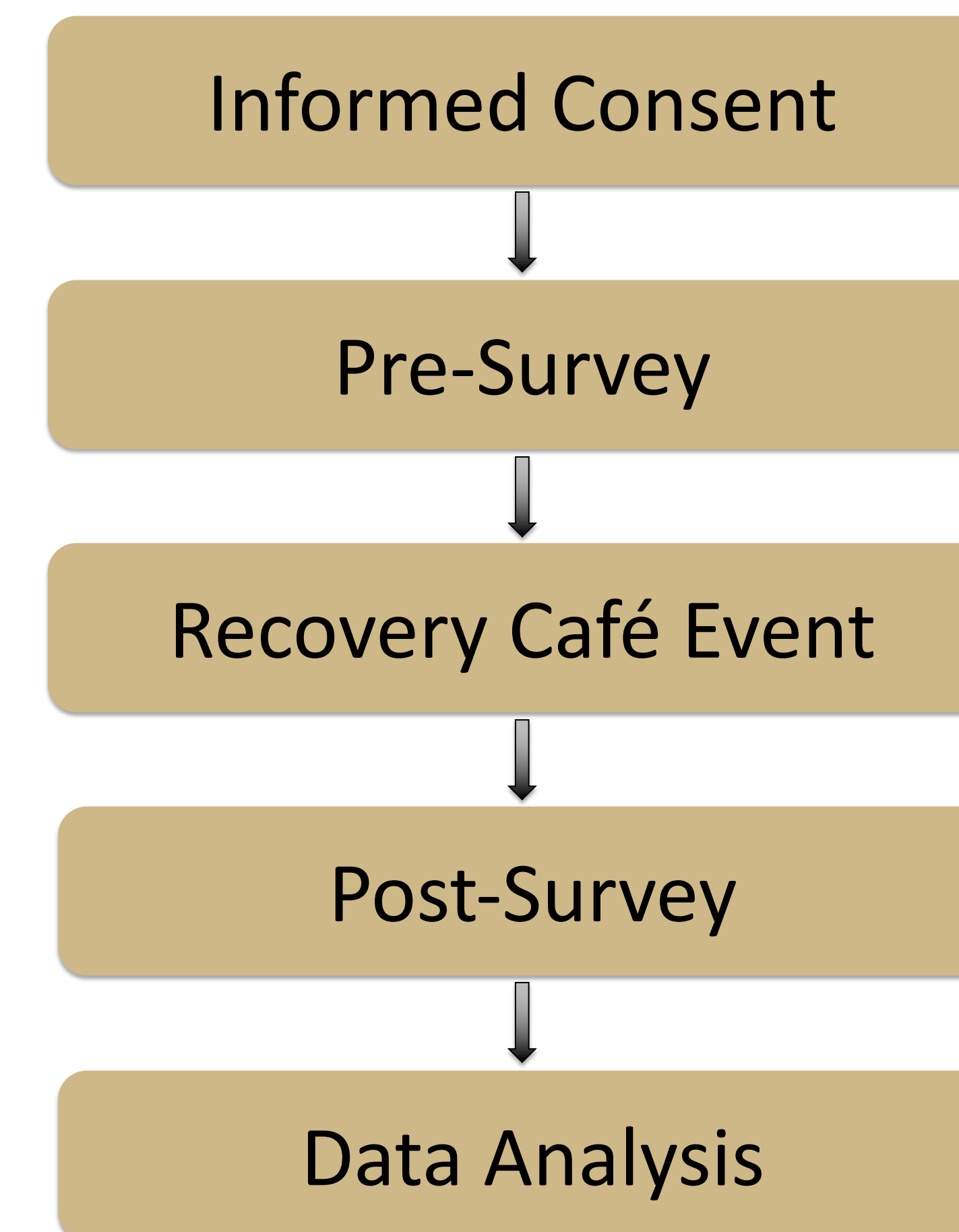
- Recovery Café provides classes for its members.
- Director of Café, Lindsey Kreps, asked for student volunteer.
- Student asks for a project.
- Is told about possible collaboration with Recovery Café and brainstorms project ideas.

- At first American Association of Psychiatric Pharmacists (AAPP) meeting, asked if any students would be interesting in a meeting at the Recovery Café.
- Attended the Recovery Café open house.

- Pharmacy student group met with Lindsey at the Recovery Café, brainstormed potential events.
- Student group pared down list to ideas that were both interesting and realistic.
- Lindsey gave list to members of the café to vote on events they would prefer going to.

- Cookie decorating event took place on December 14<sup>th</sup> at the café.
- 10 café members were in attendance.

## Methods



- Data will be collected in the form of a pre- and post-survey given to Pharmacy students attending an event at the Recovery Café.
- The survey will contain a modified Bogardus social distance scale.<sup>4</sup> The questions will ask about students' perceptions about skill and comfort level with treating patients experiencing SUD.
- All questions will be identical on pre- and post-surveys. Data will be analyzed to see if there is a significant difference, shown by a p-value of <0.05.



## Limitations

- This study is taking place on a small scale, so it may be difficult to determine significant results.
- This study is taking place at one pharmacy school, in one geographic location, so it is not highly generalizable.
- The study involves participants who volunteered for an event, which means they may be more motivated to make a change in comfort level.

## Possible Future Events

- Classes
- Over the counter (OTC) medications
  - Service dogs
  - Vaccines

- Events
- Easter cookie decorating
  - Mini plant pot decorating
  - Music therapy



## Acknowledgements

Thank you to Lindsey Kreps and Carol Ott for their continued patience and mentorship throughout this project, and to all the members of the Recovery Café for their strength and fortitude in life.

## References

- <sup>1</sup><https://www.nih.gov/news-events/news-releases/10-percent-us-adults-have-drug-use-disorder-some-point-their-lives>
- <sup>2</sup><https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10614634/>
- <sup>3</sup><https://www.sciencedirect.com/science/article/pii/S0099176723002477?via%3Dihub>
- <sup>4</sup><https://www.surveypactice.org/article/2770-improving-upon-bogardus-creating-a-more-sensitive-and-dynamic-social-distance-scale>

## Expected Impact

- Interacting with individual experiencing SUD will increase pharmacy student skill and comfort level while treating members of this group.
- Direct interaction with members of a group will provide a benefit beyond didactic training for students.
- The intervention will be successful initially by increasing the comfort level of student pharmacists, and ultimately by improving patient care.