

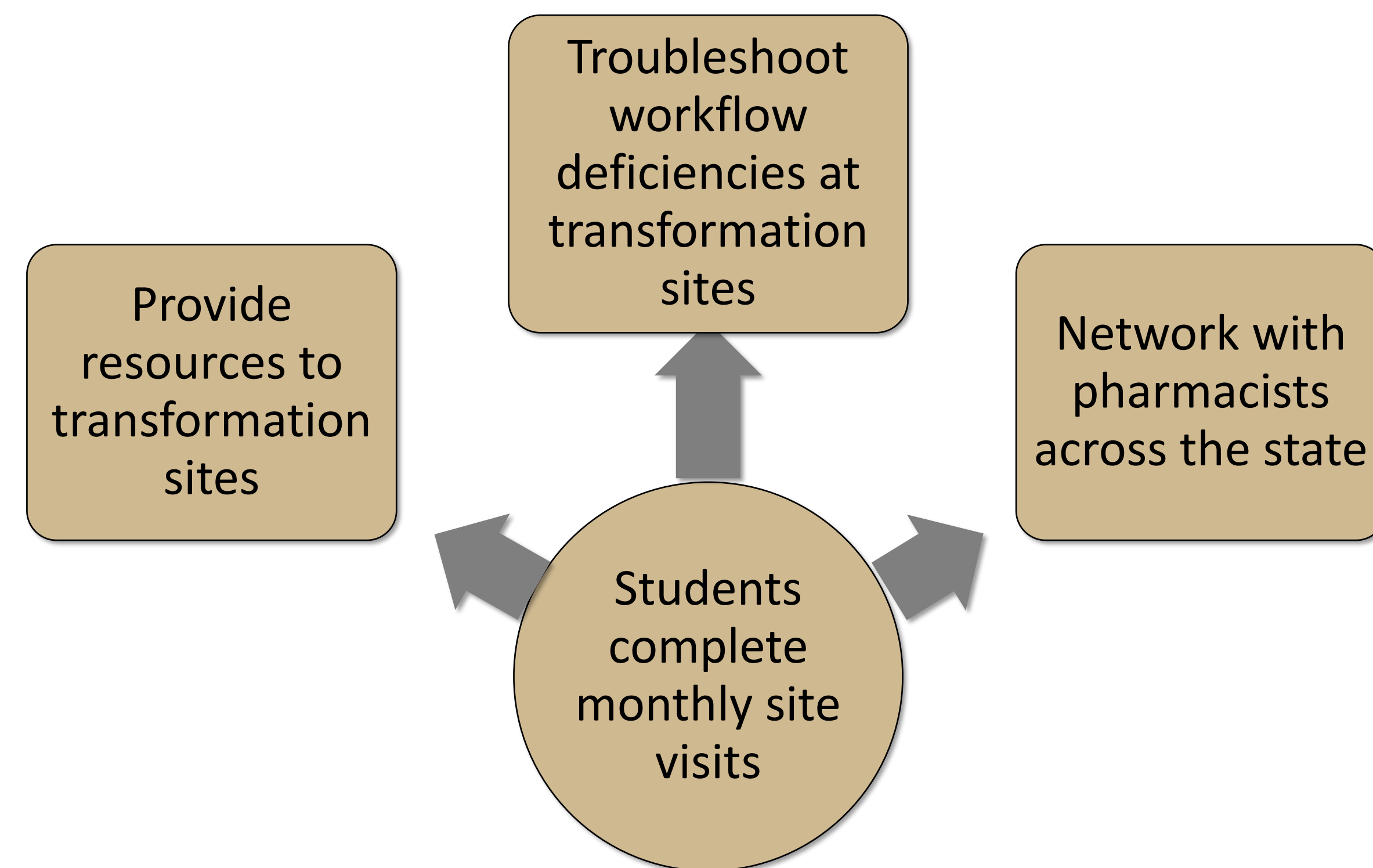
Evaluating the impact of the Flip the Pharmacy Advanced Practice Experience on student attitudes and perceptions of community pharmacy

Hadley G. Whicker, PharmD^{1,2}; Kelsey R. Dunkin, PharmD, MBA^{1,3}; Molly A. Nichols, PharmD, MATS¹; Katelyn N. Hettinger, PharmD¹; Omolola A. Adeoye-Olatunde, PharmD, MS¹; Margie E. Snyder, PharmD, MPH, FCCP, FAPhA¹; Jessica E. Wilhoite, PharmD, BCACP^{4,5}; Ryan S. Ades, PharmD, BCPS⁶; Veronica P. Vernon, PharmD, BCPS, BCACP, NCMP⁴; Nicole L. Olenik, PharmD, CDCES, BC-ADM, LDE¹
 1) Purdue University, West Lafayette, IN; 2) Topeka Pharmacy, Topeka, IN; 3) Mathes Pharmacy, New Albany, IN; 4) Butler University, Indianapolis, IN; 5) Community Health Network, Indianapolis, IN; 6) Manchester University, North Manchester, IN

BACKGROUND

- The Flip the Pharmacy (FtP) program was designed to help community pharmacies shift from a dispensing-focused practice to a patient-centered care practice over a two-year period
- The FtP program guides pharmacies in the development of new patient care services in order to tap into alternative sources of revenue
- Local Practice Transformation Coaches (PTCs) help lead the participating pharmacies (transformation sites) through this transformation by providing resources as well as feedback about the site's current workflow and service delivery
- In a new Advanced Pharmacy Practice Experience (APPE), developed by the Purdue University College of Pharmacy and FtP Team Indiana, APPE students are the local co-PTCs for the transformation sites overseen by the Purdue Team
- As co-PTCs students complete administrative tasks and conduct monthly visits with the transformation sites (Figure 1)

Figure 1: Student Activities During Site Visits



- Previous literature demonstrates student exposure to advanced community practice results in positive impacts on community pharmacy and professional development
- There is limited evidence on the change in attitudes toward community pharmacy among APPE students who facilitate sustainable practice transformation in community pharmacies

OBJECTIVES

Assess the impact on student attitudes and perceptions of community pharmacy practice and changes in student intention to pursue a community-based position after completing the APPE.

PARTICIPANTS

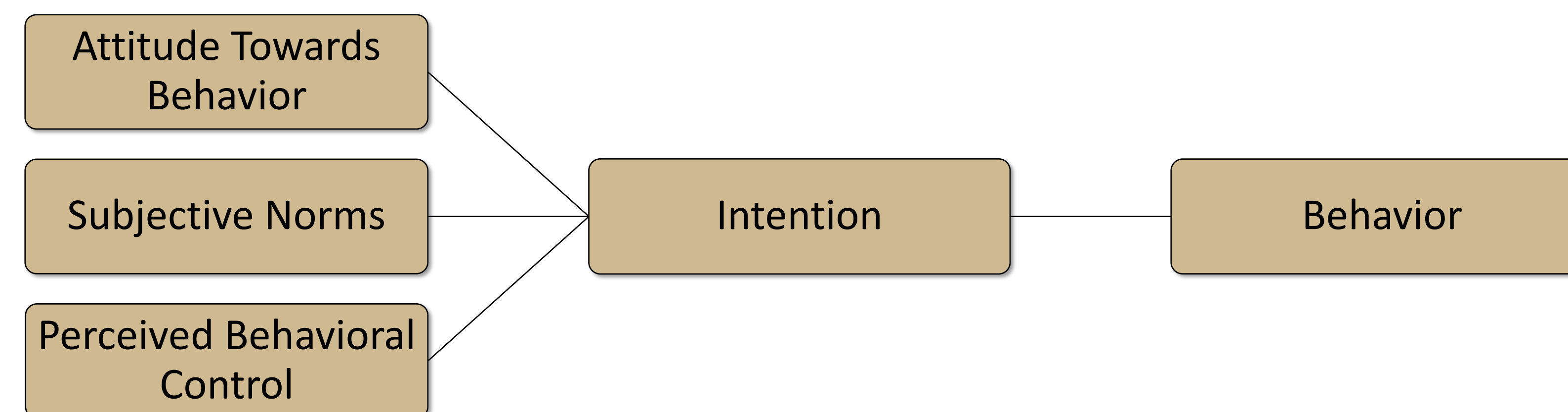
The study population consists of approximately fourteen fourth-year professional students in the Purdue University Doctor of Pharmacy program who have completed or will complete the FtP APPE during the 2021-2022 academic year.

METHODS

Survey Development

- The research team developed 13 survey items (Table 1) based on Theory of Planned Behavior (TPB) constructs (i.e., attitudes, perceptions, and intent to perform behavior) (Figure 2)
- The survey items utilize a five-point Likert scale (1=strongly disagree to 5=strongly agree)
- Respondents are asked to retrospectively rate each item pre- and post-APPE

Figure 2: Theory of Planned Behavior



Survey Administration

- The study instrument is electronically administered via a web-based program, REDCap®
- Eligible students are sent an email invitation to participate
- Email invitations were first sent to students who have already completed the APPE this 2021-2022 academic year and subsequently, to all future students within two weeks of completing the APPE, after their final APPE evaluations are completed
- Upon completion of the survey, all respondents are sent a \$20 electronic gift card via email

Data Analysis

- Data analysis will consist of descriptive statistics obtained from Likert-scale items and pre-post- paired data will be analyzed using Wilcoxon signed-rank tests
- Spearman correlation coefficients will be used to explore whether each TPB construct was correlated with the intention to pursue a community position

This study was approved by the Purdue Institutional Review Board.

References can be made available upon request by contacting Hadley Whicker at hwhicker@purdue.edu.

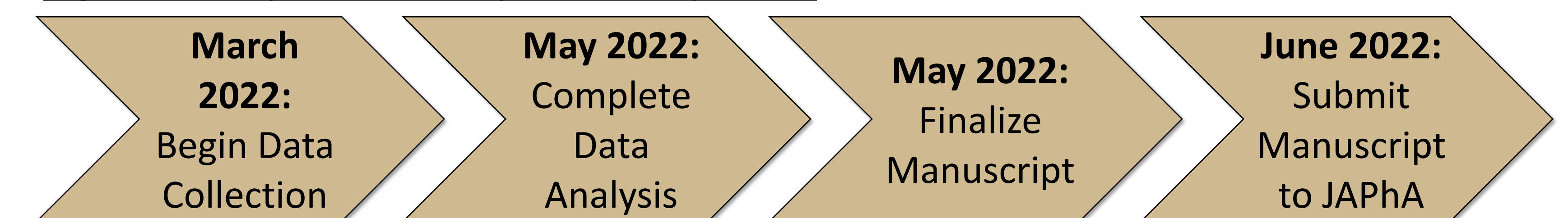
SAMPLE SURVEY ITEMS

Table 1: Sample Survey Items

Item	Perception BEFORE the APPE:	Perception AFTER the APPE:
Attitude Towards the Behavior:		
Community pharmacy is a favorable career choice.	5-point Likert scale	5-point Likert scale
Community pharmacists are a valuable member of the healthcare team.	5-point Likert scale	5-point Likert scale
Subjective Norms:		
My peers think highly of community pharmacy.	5-point Likert scale	5-point Likert scale
My professors would approve of me pursuing community pharmacy.	5-point Likert scale	5-point Likert scale
Perceived Behavioral Control:		
I am supported by my academic institution in pursuing a position in community pharmacy.	5-point Likert scale	5-point Likert scale
Intention:		
I intend to pursue a position in community pharmacy upon graduation.	5-point Likert scale	5-point Likert scale

NEXT STEPS

Figure 2: Project Next Steps for Completion



As this project is ongoing (Figure 2), the investigators are also conducting other research related to the FtP APPE including student reactions to the APPE and student knowledge gained from the APPE.

DISCLOSURES AND ACKNOWLEDGEMENTS

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- This research was funded by the American Pharmacists Association Foundation Incentive Grant 2021-2022
- This work is solely the responsibility of the investigators and does not necessarily represent the official views of FtP or CPESN
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