

5th Annual Interprofessional Health Showcase – April 14, 2023
Abstract Submission Form

Section A. Title and First Author

Title (20 words maximum)	Interprofessional Collaboration Advancing Patient Safety Program: Needs Assessment for a Community-Based Organization Serving Adults with Developmental Disabilities
1 st Author's First and Last Name*	Amy Smith
1 st Author's College/School/Department	College of Pharmacy
Funding Source (enter n/a if none)	n/a

* Names of other authors will be provided through the online submission portal

Section B. Project Category

Check only one category

community engagement ___ quality improvement ___ research ___ literature review
 ___ case study ___ health innovation (product, technology, educational material)

Section C. Project Status

Please note that your project must be completed or close to completion by poster submission date 4/8, 11:59 PM.

At the time of abstract submission: (check only one)

	The project is completed – objectives stated in the abstract are achieved as written in the outcomes section of the abstract
x	The project is near completion – objectives stated in the abstract are mostly achieved as written in the outcomes section of the abstract
	The project is in progress – objectives stated in the abstract are partially achieved as written in the outcomes section of the abstract
	The project is in conceptual phase – none of the objectives stated in the abstract have been achieved

(Please complete Section D on next page)

Section D. Abstract

Not to exceed 350 words; all sections below must be completed and written in complete sentences; refer to the [Call-for-Abstracts document](#) for specific instructions on completing each section

Enter total word count (excluding sections A-C)	248
--	-----

BACKGROUND

Community-dwelling adults with developmental disabilities (DD) often require assistance from caregivers with no healthcare training. A community-based organization (CBO) providing care to adults with DD identified a need to improve their training program emphasizing patient safety. This requires establishing a baseline assessment of their existing process.

OBJECTIVE(S)

The objective of this community service learning project is to assess the perception of administrators and staff on: (1) training effectiveness; (2) medication delivery process efficiency; (3) staff competency; (4) concept of patient safety.

METHODS

The needs assessment was conducted using (1) separate paper surveys for administrators and staff and (2) a focus group format stratified by practice sites and work shifts. Survey instruments and focus group guides were developed based on CBO concerns and on-site observations. Quantitative data were analyzed using Excel. Qualitative data were analyzed and categorized into themes. All data are stored on a secure server.

OUTCOMES

Survey response rate is 58% for staff and 88% for administrators. Descriptive analysis of quantitative data revealed differences regarding perceived staff knowledge and competency level, effectiveness of training materials, and efficiency of the medication delivery process. Themes emerging from qualitative analysis include inadequate communication, inconsistencies in medication delivery process, variation in understanding of patient safety, and desire for interactive training. Findings were presented to the CBO.

CONCLUSION

Community caregivers play a significant role in the healthcare continuum. Findings highlight opportunities to enhance the medication delivery process emphasizing patient safety and sources of medication errors. Next phase of the program will focus on developing targeted training modules.