Apr 16th, 11:00 AM - 2:00 PM

The Role of Pharmacists in Primary Care Settings

Julie Cummings  
*Cedarville University*, jkcummings@cedarville.edu

McKenzie Shank  
*Cedarville University*, mshenk@cedarville.edu

Nathanael Smith  
*Cedarville University*, nathanaeljsmith@cedarville.edu

Olumami Amaye  
*Cedarville University*, olumamioamaye@cedarville.edu

Cara Toms  
*Cedarville University*, ctoms@cedarville.edu

See next page for additional authors

Follow this and additional works at: [https://digitalcommons.cedarville.edu/research_scholarship_symposium](https://digitalcommons.cedarville.edu/research_scholarship_symposium)

Part of the Pharmacy and Pharmaceutical Sciences Commons

Cummings, Julie; Shank, McKenzie; Smith, Nathanael; Amaye, Olumami; Toms, Cara; Franz, Thaddeus T.; and Frame, Tracy, "The Role of Pharmacists in Primary Care Settings" (2014). *The Research and Scholarship Symposium (2013-2019)*. 55.  
[https://digitalcommons.cedarville.edu/research_scholarship_symposium/2014/poster_presentations/55](https://digitalcommons.cedarville.edu/research_scholarship_symposium/2014/poster_presentations/55)
Presenters
Julie Cummings, McKenzie Shank, Nathanael Smith, Olumami Amaye, Cara Toms, Thaddeus T. Franz, and Tracy Frame
STATEMENT OF THE PROBLEM

BACKGROUND
- Due to educational growth, pharmacists are prepared for more patient outcome involvement.
- There are gaps in the health care system than can be filled by a pharmacist.
- One of the gaps is Medication Therapy Management Services (MTM/MTMS), a set of well-rounded services such as pharmacotherapy, disease state management and immunizations.
- A collaboration between the pharmacist, physician and other health care providers may increase patient outcomes.
- Federally Qualified Health Centers (FQHC) are attempting to bridge the gaps by employing pharmacists.
- In this research, we want to look at pharmacists involved in MTM and FQHC’s in the state of Ohio.

HYPOTHESIS
- Null- The addition of pharmacists in providing clinical services will not provide adequate support to the increasing patient care demands within the clinic setting.
- Alternative- The addition of pharmacists in providing clinical services will provide support to the increasing patient care demands within the clinic setting.

OBJECTIVE
To determine if the addition of pharmacists providing clinical services in a primary care setting can support the prescribers’ patient care demands.

METHODS

STUDY DESIGN
- Observational exploratory study design will utilize cross-sectional surveys.

SAMPLE
- Convenience sampling includes any FQHC in the state of Ohio. According HRSA Office of Pharmacy Affairs, FQHCs are referred to as consolidated health center program.

DATA COLLECTION
- Administer surveys to FQHCs via Qualtrics.
- Results will be stored and analyzed in SPSS.

MEASUREMENT
- Surveys will assess perceptions of pharmacist involvement as well as MTM services rendered in the FQHC’s.
- Other healthcare professionals and pharmacists will be surveyed to assess perceptions and patient outcomes.

STATISTICAL ANALYSIS
- Surveys will assess perceptions of pharmacist involvement as well as MTM services rendered in the FQHC’s.
- Other healthcare professionals and pharmacists will be surveyed to assess perceptions and patient outcomes.

DISCUSSION

PROJECT TIMELINE

Spring 2014
- Creation of survey and IRB approval

Fall 2014
- Distribution of survey and data collection

Spring 2015
- Statistical analysis of data

Fall 2015
- Compose research document

Spring 2016
- Presentation of findings

LIMITATIONS
- Limited Generalizability, due to research being done only in Ohio with FQHC’s.
- There is no control for different staffing.
- The process is only being looked at as a cross-sectional snapshot.

FUTURE DIRECTIONS
- Future studies with live samples, including more areas of the country.
- To show the benefits of pharmacists in other primary care offices.

REFERENCES

ACKNOWLEDGEMENTS

We would like to thank Dr. Thaddeus Franz and Dr. Tracy Frame from Cedarville University’s School of Pharmacy for their advisement throughout the project.