

Perceptions of Incorporating Social Determinants of Health in Pharmacy Curriculum and Its Impact on Practice

Juanita A Draime, PharmD¹, Robert Bechtol, PhD¹, Katelyn Case², Jacob Littleton²,

Felisha Younkin, PhD², Aleda MH Chen, PharmD, PhD, FAPhA¹

¹Cedarville University School of Pharmacy, ²Cedarville University Department of Psychology

BACKGROUND

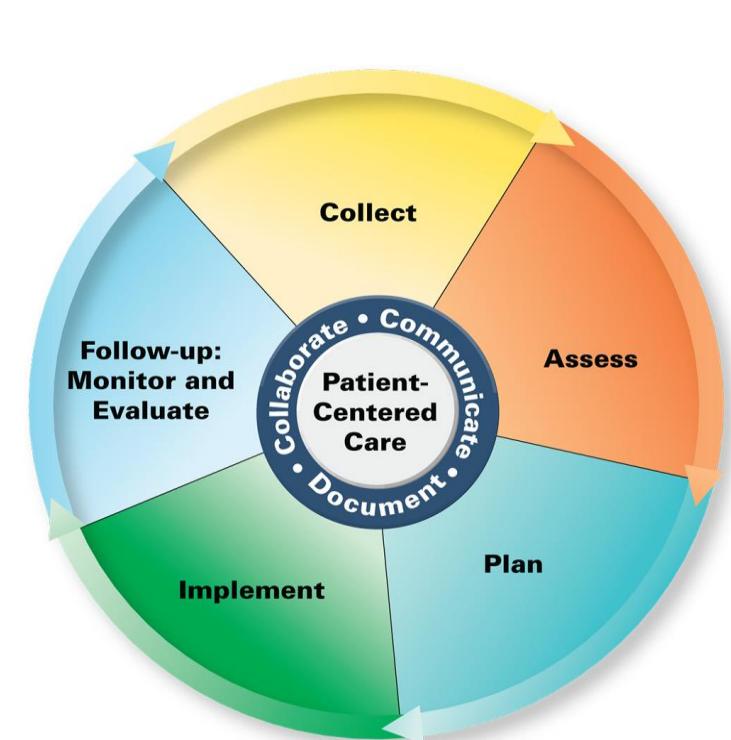
Social Determinants of Health (SDoH)

- SDoH are the non-medical factors that influence health outcomes.¹
 - Conditions in which people are born, grow, live, and age, and the wider set of forces and systems shaping the conditions of daily life.¹
- SDoH have an important influence on health inequities.²
- Numerous studies have shown that SDoH can be more important than health care or lifestyle choices in influencing health.³⁻⁵



Pharmacists' Patient Care Process (PPCP)

- Established by the Joint Commission of Pharmacy Practitioners (JCPP), the PPCP serves as guidance for consistent delivery of patient care for pharmacists in all practice settings.⁶
- Pharmacists use a patient-centered approach in collaboration with other providers on the health care team to optimize patient health and medication outcomes.⁶



SDoH in Pharmacy Curriculum

- Although educational efforts have been made to train pharmacists in the recognition of SDoH concepts, pharmacists do not have a defined role.²
- There is more research that is needed to further conceptualize SDoH in PharmD programs to ensure that students are provided with a full understanding of SDoH and how these factors influence health outcomes.⁷

The Role of SDoH Concepts within the PPCP

Barriers⁷

OBJECTIVE

To analyze perceptions of the incorporation of SDoH in the pharmacy curriculum and its long-term impact on pharmacy practice.

METHODS

- IRB-approved: exempt
- Phenomenological qualitative research design

RESULTS

DISCUSSION AND CONCLUSIONS

Discussion

- A majority of participants reflected on their internship, APPEs, IPPEs, and prior work experience significantly influential in understanding the importance of the SDoH.
- Within community and retail pharmacy, an important practice is building a strong relationship with the patient in order to better understand what SDoH are impacting them specifically.
- Students and alumni see how it is important to integrate the SDoH within patient-centered care, as part of the PPCP.

Limitations

- Small sample at a Midwest, private school of pharmacy

Conclusions

- The combination of learning about SDoH concepts in the pharmacy curriculum and applying them in practice experiences could help students better integrate these elements in patient care.
- This could ultimately lead to better patient outcomes.

REFERENCES

- Kalabalik-Hoganson J, Ozdener-Poyraz AE, Rizzolo D. Call to Action: Addressing Social Determinants of Health in Pharmacy Practice. *Ann Pharmacother*. 2022;56(7):740-745. doi:10.1177/10600280211040895
- Kiles TM, Peroulas D, Borja-Hart N. Defining the role of pharmacists in addressing the social determinants of health. *Res Social Adm Pharm*. 2022;18(9):3699-3703. doi:10.1016/j.sapharm.2022.01.005
- Valentine N, Ajuebor O, Fisher J, Bodenmann P, Baum F, Rasanathan K. Planetary health benefits from strengthening health workforce education on the social determinants of health. *Health Promot Int*. 2022;37(3):daac086. doi:10.1093/heapro/daac086
- Enard KR, Coleman AM, Yakubu RA, Butcher BC, Tao D, Hauptman PJ. Influence of Social Determinants of Health on Heart Failure Outcomes: A Systematic Review. *J Am Heart Assoc*. 2023;12(3):e026590. doi:10.1161/JAHA.122.026590
- Vo A, Tao Y, Li Y, Albarak A. The Association Between Social Determinants of Health and Population Health Outcomes: Ecological Analysis. *JMIR Public Health Surveill*. 2023;9:e44070. Published 2023 Mar 29. doi:10.2196/44070
- Joint Commission of Pharmacy Practitioners. Pharmacists' Patient Care Process. Accessed June 19, 2023. <http://jcpp.net/wp-content/uploads/2016/03/PatientCareProcess-with-supporting-organizations.pdf>.
- Kiles T, Jasmin H, Nichols B, Haddad R, Renfro CP. A Scoping Review of Active-Learning Strategies for Teaching Social Determinants of Health in Pharmacy. *Am J Pharm Educ*. 2020;84(11):8241. doi:10.5688/ajpe8241
- Allinson M, White S, Black P. Pharmacy graduates' perceived impact of long-term undergraduate use of an ethical decision-support tool on their early practice. *Curr Pharm Teach Learn*. 2021;13(7):760-769. doi:10.1016/j.cptl.2021.03.001