HOW DO NP STUDENTS INCORPORATE SOCIAL DETERMINANTS IN THEIR PRACTICE?

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Conflicts of Interest and Disclosures

• Neither the planner(s) or presenter(s) indicated that they have any real or perceived vested interest that relate to this presentation.



Learning Objectives



Describe how the social determinants of health fit into outpatient care within NP practice.



Articulate study findings including NP students' knowledge, comfort, and the use of social determinants of health in the care of geriatric patients in outpatient settings



Utilize study findings to discuss changes to NP education.



Background

- Social Determinants of Health (SDOH)= "conditions in the environments where people are born, live, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks"
 - Economic stability
 - Education access and quality
 - OHealth care access and quality
 - Neighborhood and built environment
 - Social and community context

Office of Disease Prevention and Health Promotion. (n.d.-c). *Social determinants of health*. Healthy People 2030, U.S. Department of Health and Human Services.



SDOH in Nursing and NP Education

- Calls and recommendations to incorporate SDOH across graduate and undergraduate nursing education
- Concepts of SDOH, population health, and health equity not yet well integrated into all nursing programs
- Strategies used by individual NP programs to teach SDOH include curricular changes, clinical projects, service-learning, clinical rotations, and clinical simulations



Participants (N=103)

- AGPCNP and FNP students in their final practicum
- Clinic based/primary care settings working with geriatric patients aged 65 years and older
- Completed survey which asked questions about knowledge of SDOH, comfort with SDOH, and how they incorporated their understanding of their patients' SDOH into their plan of care
- Qualitative and quantitative data collected



Study Design

Research Question 1: In clinic visits with geriatric clients, how many SDOH do NP students identify?



Research Question 2: What information do NP students gather?

Andermann, A. (2018). Screening for social determinants of health in clinical care: Moving from the margins to the mainstream. *Public Health Reviews*, *39*(19), 1-17.

Naz, A., Rosenberg, E., Andersson, N., Labonté, R., Andermann, A., & the CLEAR Collaboration. (2016). Health workers who ask about social determinants of health are more likely to report helping patients: Mixed-methods study. *Canadian Family*





Research Question 3: How do NP students apply SDOH?

Research Question 4: How comfortable are NP students in discussing SDOH?



Limitations

Participant recruitment

- Lack of time
- Stress
- Institutional gatekeepers
- Survey design and complexity
- Survey fatigue



Themes

Access to Care

Level of Education

Violence

Housing Situation

Discrimination

Social Support

Language and Literacy





Moving Forward?

Educational
Strategies and
curriculum
enhancements









Thank you!



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References

- American Association of Colleges of Nursing. (2021). The Essentials: Core competencies for professional nursing education. https://www.aacnnursing.org/Portals/42/AcademicNursing/pdf/Essentials-2021.pdf.
- Buys, K. C., & Somerall, D. (2018). Social determinants of health screening and referral: Innovation in graduate nursing education. *The Journal of Nursing Education*, *57*(9), 571- 572. https://doi.org/10.3928/01484834-20180815-13
- Bryant-Moore, K., Bachelder, A., Rainey, L., Hayman, K., Bessette, A., & Williams, C. (2018). Use of service learning to increase master's-level nursing students' understanding of social determinants of health and health disparities. *Journal of Transcultural Nursing*, 29(5), 473-479. https://doi.org/10.1177/1043659617753043
- Colburn, D. A. (2022). Nursing education and social determinants of health: A content analysis. *Journal of Nursing Education*, 61(9), 516-523. https://doi.org.10.3928/01484834-20220705-06
- Coppa, D., & Barcelos Winchester, S. (2020). Content evaluation of social determinants of health and cultural fluency to measure nurse practitioner application in clinical situations. *International Journal of Health Promotion & Education*, 58(3), 124-136. https://doi.org/10.1080/14635240.2020.1719863
- Davis, V. H., Murillo, C., Chappell, K. K., Jenerette, C., Ribar, A. K., Worthy, K., & Andrews, J. O. (2021). Tipping point: Integrating social determinants of health concepts in a college of nursing. *The Journal of Nursing Education, 60*(12), 703-706. https://doi.org/10.3928/01484834-20211004-05
- Franks-Meeks, S. (2020). Participation in nursing research: We can do better. Nursing, 50(1), 1- 3. https://doi.org/10.1097/01.nurse.0000651812.87874.cb
- Luck, L., Ng Chock, L., & Wilkes, L. (2017). Nurses as participants in research: An evaluation of recruitment techniques. Nurse Researcher, 25(2), 44-48. https://doi.org/10.7748/nr.2017.e1546



References

- National Academies of Sciences, Engineering, and Medicine. (2021). *The future of nursing 2020-2030: Charting a path to achieve health equity.* Washington, DC: The National Academies Press. https://doi.org/10.17226/25982.
- National League of Nursing. (2019). A vision for integration of the social determinants of health into nursing education curricula. NLN Vision Series. https://www.nln.org/docs/default-source/uploadedfiles/default-document-library/social-determinants-of- health.pdf?sfvrsn=aa66a50d_0
- National Organization of Nurse Practitioner Faculties (2013). Population-focused nurse practitioner competencies: Family/across the lifespan, neonatal, pediatric acute care, pediatric primary care, psychiatric-mental health, women's health/gender-related.
 - https://cdn.ymaws.com/www.nonpf.org/resource/resmgr/np_competencies_&_ntf_standards/compilation_pop_focus_comps_.pdf
- Office of Disease Prevention and Health Promotion. (n.d.-c). Social determinants of health. Healthy People 2030, U.S.
 Department of Health and Human Services. Retrieved July 25, 2023 from
 https://health.gov/healthypeople/objectives-and-data/social-determinants-health
- Porter, S. R., Whitcomb, M. E., & Weitzer, W. H. (2004). Multiple surveys of students and survey fatigue. *New Directions for Institutional Research*, 2004(121), 63-73. https://doi.org/10.1002/ir.101
- Sisler, S. M., Schapiro, N. A., Stephan, L., Mejia, J., & Wallace, A. S. (2019). Consider the root of the problem: increasing trainee skills at assessing and addressing social determinants of health. *Translational Behavioral Medicine*, 9(3), 523-532. https://doi.org/10.1093/tbm/ibz046
- Villarruel, A. M., Bigelow, A., & Alvarez, C. (2014). Integrating the 3Ds: A nursing perspective. *Public Health Reports*, 129, 37-44.

