



Stony Brook Medicine's Healthy Libraries Program (HeLP): A Community Academic Partnership for Interprofessional Education for Nursing Students in Population Health

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By the end of this session participants will be able to :

1. Discuss the public library setting as a space for community health nursing, community-academic partnerships, and community-based setting for clinical learning.
2. Describe how the Healthy Libraries Program(HeLP) provides an opportunity for students to develop interprofessional competencies including the IPEC core competencies and AACN Essentials: Domain 6 Interprofessional Partnerships.
3. Describe how the Healthy Libraries Program provides an opportunity for students to develop population health competencies (AACN Essentials:Domain 3).
4. Describe the IPEC Competency Self Assessment tool for evaluation of student IPE learning outcomes.



Goals of HeLP:

Provide evidence-based programs that address the social-behavioral determinants of health in partnership with Public Libraries in Suffolk County, New York

Perform within our respective profession's scope of practice

Refer patrons as appropriate to other disciplines inside the team or to library or outside organizations beyond the team



The Healthy Libraries Program (HeLP) is a novel interdisciplinary team composed of students training in...

- Bachelor and Master of Social Welfare
- Bachelor of Science in Nursing
- Master of Public Health
- Master of Library & Information Science
- Physician Assistant



Libraries are unique spaces to promote overall wellbeing in our communities.



Why Public Libraries?

- There are ~17,000 public libraries nationwide;
 - 1.2 billion in-person visits in 2019 (IMLS, 2019)
- Libraries are a trusted place in communities (Horrigan, 2016)
- The public library is visited mostly by low-income adults (Becker et al., 2010)
- Public libraries address the social determinants of health (Philbin et al., 2019; Wahler et al., 2020; Whiteman et al., 2018)
- Assist with unemployment, housing, resume preparation, access to complete forms for insurance and supplemental food nutrition programs, feeding programs for children, referrals to mental health providers
- Full/part-time social workers are a growing trend



Competencies and HeLP



Interprofessional Education Collaborative (IPEC) Core Competencies



- ▶ **Values and Ethics**
Work with **team** members to maintain a climate of shared values, ethical conduct, and mutual respect.
- ▶ **Roles and Responsibilities**
Use the knowledge of one's own role and **team** members' expertise to address individual and population health outcomes.
- ▶ **Communication**
Communicate in a responsive, responsible, respectful, and compassionate manner with **team** members.
- ▶ **Teams and Teamwork**
Apply values and principles of the science of teamwork to adapt one's own role in a variety of **team** settings.



The Essentials: Competencies for Professional Nursing Education Domain 3 & 6

- **Domain 3: Population Health:** Population health spans the healthcare delivery continuum from public health prevention to disease management of populations and describes collaborative activities with both traditional and non-traditional partnerships from affected communities, public health, industry, academia, health care, local government entities, and others for the improvement of equitable population health outcomes.
- **Domain 6: Interprofessional Partnerships:** Intentional collaboration across professions and with care team members, patients, families, communities, and other stakeholders to optimize care, enhance the healthcare experience, and strengthen outcomes.





Methods:

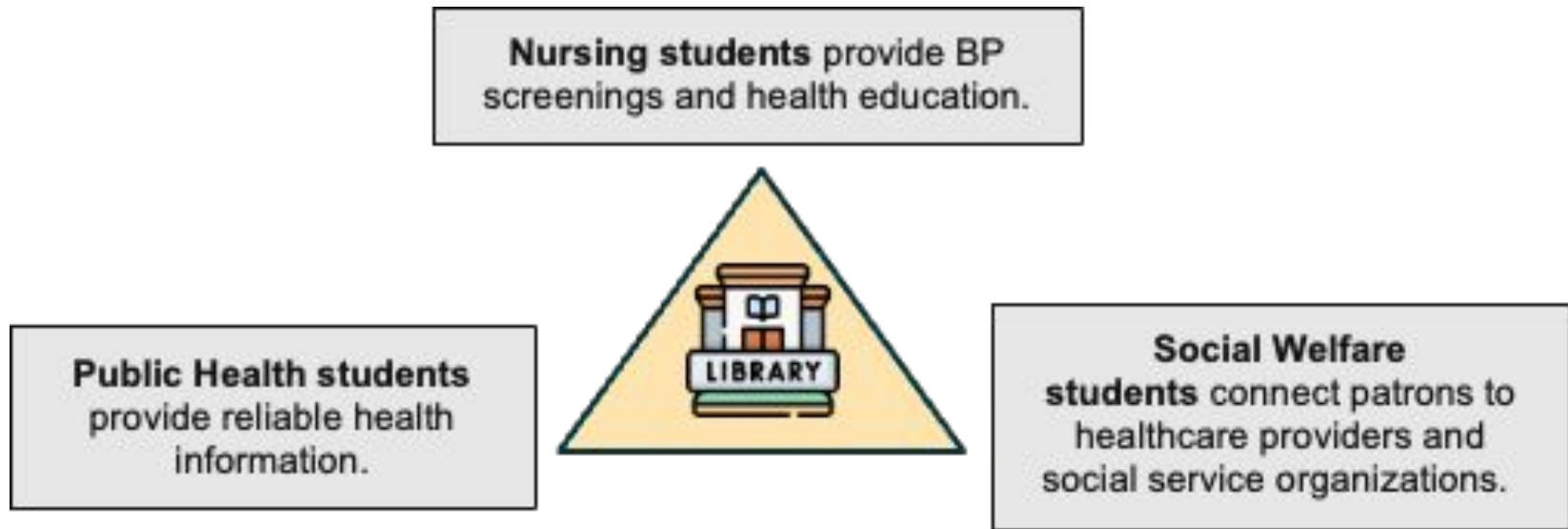
Nursing students (n=64):

- Were placed on IP teams in 8 public libraries with public health and/or social welfare students
- Delivered resources to patrons one time per week (~ 2 hours) for two weeks from September 2022-April 2023 as part of their population health clinical rotations
- Were educated on each professions' roles/responsibilities, IPEC core competencies, public library culture, and evidence-based health information



The HeLP Team Model

The team-based approach fosters IP learning, as students work together to assist library patrons on health and social needs.





OMRON
Blood Pressure Monitor
Clinically Proven Accuracy

Restore Touch
lipitor
300

Blood Pressure
QUESTIONS

What Can I Do To Improve
My High Blood Pressure?
TARGET BP

What's High Blood
Pressure?



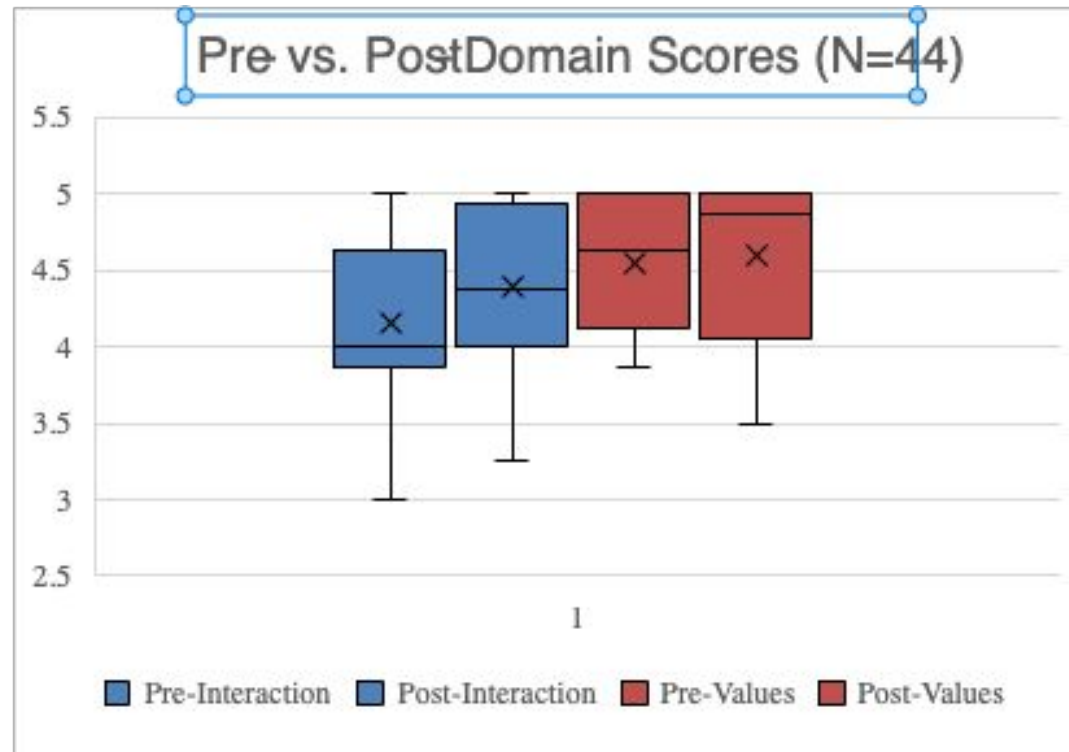
How were nursing student's learning experiences evaluated?

- Documentation of patron encounters in Qualtrics
 - Including type of resources provided and referrals to team members
- A pre and post survey consisting of the IPEC Competency Self-Assessment Tool (Lockeman et al., 2016) was used to assess domains related to the IPEC core competencies.
- Descriptive statistics and Wilcoxon Signed Rank tests were used to assess pre-vs-post changes in the IPEC Competency Self-Assessment tool domains.



Results

- 799 patron encounters occurred of which 523 were blood pressure screenings.
- Nursing students had improved “interaction” and “values” domain scores pre-vs-post HeLP participation (*Mdn* = 4.00 vs. 4.38 and 4.63 vs. 4.90 respectively).
- However, only the IP “interaction” domain significantly improved ($p = .005$).
- Supervising clinical faculty observed students’ competency development in IP partnerships (Domain 6), engaging in effective partnerships (Competency 3.2) and considering the socio-economic impact of health care delivery (3.3).





Implications

- Academic-community partnerships present a viable setting for developing IP and population health competencies among nursing students
- An IP team experience in public libraries provides an opportunity for nursing students to address the healthcare needs of communities
- Participation in HeLP may promote interest in community health nursing as a career path



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QUESTIONS

The word "QUESTIONS" is written in large, white, 3D-style capital letters. It is surrounded by a dense collection of colorful question marks in various colors (blue, yellow, green, pink, orange, purple) and shapes (circles, squares, triangles). The background is white, and the entire graphic is set against a red horizontal bar at the top and bottom of the page.



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