

Impact of Academic-Practice Partnerships on Nursing Entry Level Clinical Rotations and Graduations

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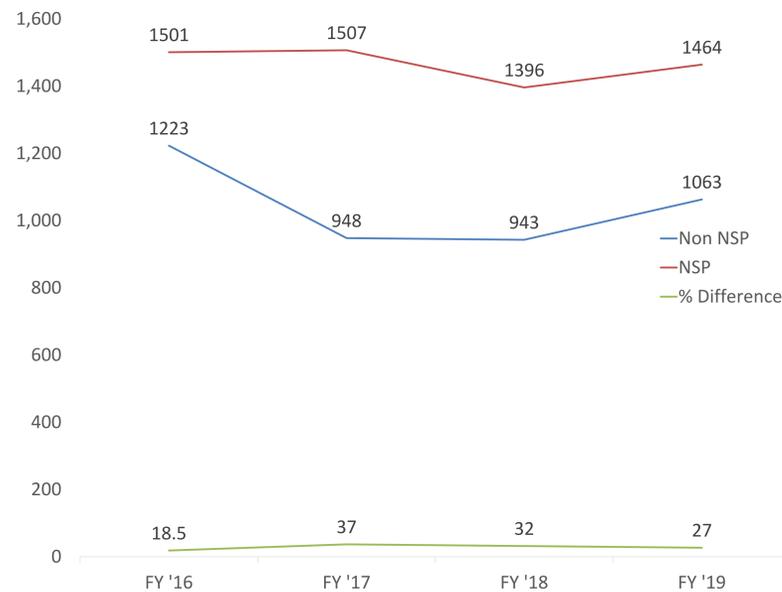
Background

The University of Maryland School of Nursing and 18 Maryland hospitals, representing all five geographic regions of the State of Maryland, formed an academic-practice partnership. This work extended over 4 years and built on an additional 10 years of prior successful NSP II grant partnerships. The project was designed to expand undergraduate clinical opportunities and preceptored experiences for graduate students.

Objectives

- To prepare hospital-based staff nurses as Masters' level hospital-based Clinical Instructors, Faculty, Preceptors, and Mentors
- To expand opportunities for Maryland Schools of Nursing to provide additional clinical and preceptor experiences for students in entry level programs or graduate specialties

Maryland State RN Grads by Grant Participating Hospitals

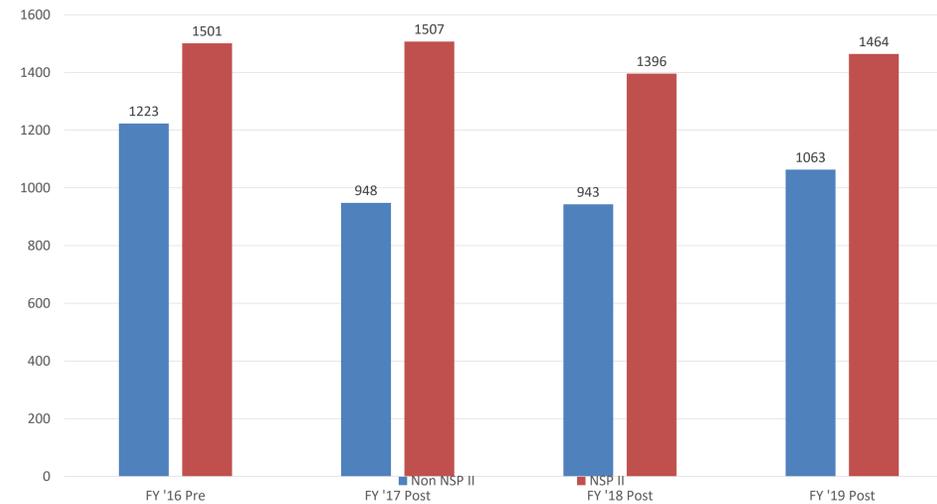


¹Source: University of Maryland Clinical Rotation Survey
 Note: Between FY '16 and FY '19 there was an overall 5.2 fold difference between the numbers of RN Grads from schools outside of the NSP II grant partnership and those participating in the NSP II grant.
 FY '16 - FY '19 NSP II = 2.5% decrease in graduates (1501-1464 = 37 / 1501 = 2.5%)
 FY '16- FY '19 Non NSP II = 13% decrease in graduates (1223- 1063= 160/1223=13.1%)

Methods

An 8 question *Clinical Rotation Survey* was e-mailed to 18 partner hospitals at the conclusion of each Fall semester for 4 years. Questions sought information about which schools of nursing were utilizing each hospital for clinical and preceptor experiences, number of undergraduate clinical rotations, number of students supported during the semester, percentage of BSN nurses, and use of hospital resources by out-of-state schools of nursing. Maryland State Board of Nursing annual NCLEX reports showing the number of new graduate nurses, by schools utilizing the grant partner hospitals, were used to assess the effect on the number of new nurses graduated by schools utilizing them for clinical experiences.

Number of RN New Graduates from Schools with Clinical Rotations at Academic-Practice NSP II Grant Hospitals¹



Results

- Clinical rotations in NSP II partner hospitals increased from 2185 students to 2409 over 4 yrs.
- The average number of students per clinical rotation group increased from 5 to 6.7
- Grant partner hospitals experienced 2.5% less attrition in new grads post hire compared to 13.1% in non partner hospitals (a 5.2 fold difference)
- * For the reporting period, there were 219 Master of Science graduates prepared as leaders and educators for Maryland acute care hospitals and 96 others are currently enrolled.
- The average percentage of partner hospital BSN nurses has increased from 48.9% in Fall, 2017 to 55.5% in Fall, 2019 with a range of 38% to 80%.

Conclusions

Concentrated recruitment and preparation of hospital based staff nurses as MSN level Clinical Instructors, Faculty, Preceptors and Mentors had a positive effect on the number of entry level nursing students and subsequent graduates from Schools of Nursing collaborating with statewide hospitals within the grant academic-practice partnerships.

| | Fall Semester 2017 (grant year 2) | Fall Semester 2018 (grant year 3) | Fall Semester 2019 (grant year 4) |
|--|--|--|---|
| Number of Graduate level students precepted | 349 | 173 | 221 (12 schools reporting) |
| Percentage of hospital nurses with BSN | Average = 48.9% Range: 15-83% | Average = 53.4% 30-81% | Average= 55.5% Range: 38-80% |
| Total number of hospital staff acting as clinical instructors | 130 (Range: 1-28) | 139 (Range: 1- 22) | 136 (Range 1-29) |
| Number of Undergraduate Clinical Rotations Provided for In-State Schools | 410 rotations | 330 rotations | 359 rotations |
| Total number of Students accommodated in clinical rotations (individual students may take several different clinical rotations at the same hospital) | 2185 students Average number of students per rotation = 5 | 2052 students Average number of students per rotation = 6.2 | 2409 students Average number of students per rotation = 6.7 |
| Rotations/Practicums Provided for Out of State Students | 75 rotations/practicums for 32 different schools (Range 1-10 students) Highest use: Chamberlain: 8 Walden: 10 | 24 rotations/practicums for 42 different schools Range 1-4 students Highest use: Walden: 4 Grand Canyon: 3 Drexel: 3 | 38 rotations/practicum for 20 different schools Range 1-12 students Highest use: Walden: 6 Chamberlain: 4 Grand Canyon: 4 |

References

- Warren, J.I. & Mills, M.E. (2009). Motivating Registered Nurses to return for an advanced degree. *The Journal of Continuing Education in Nursing*. 40 (5), 200-207.
- Mills, M.E., Hickman, L.J., & Warren, J.I. (2014). Developing dual role nursing staff- clinical instructor: a partnership model. *Journal of Nursing Administration*. 44 (2), 65-67

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