Transforming Student Outcomes through Curricular Support and Teaching Practices

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Background
- Affording nursing students with essential knowledge to ensure NCLEX-RN success is a significant responsibility for nurse educators.
- Facilitating student learning to such a degree there is a high probability of success on NCLEX-RN is an ongoing challenge within schools of nursing.
- Curricula must address current complexities of healthcare and nursing practice.
- A 2016 retrospective descriptive study sought to identify variables associated with HESI exit exams and 1st time NCLEX-RN success among 2013 and 2014 graduating cohorts.

Purpose
A more recent study determined like and/or different variables associated with student success for more recent graduating cohorts.

Curricular Support and Teaching Practices

Student Support
- Implemented Student Success program
- Curricular innovation project with Office of Academic Assessment/Biggio Center
- Student Mentoring program (lesson learned!)

Faculty Support
- Brown bag forum for education
- Test Item Analysis course
- Developed blue-print for faculty engagement related to improving student outcomes

Design & Setting
A retrospective descriptive study examined administrative and academic data of 505 nursing students who graduated spring and summer semesters in 2016, 2017, and 2018.

Methods
- Data examined included 1) pre-nursing admission scores, 2) enrollment semester, 3) graduating in or out of sequence, 4) sciences grades, 5) specialty standardized exam scores, and 6) NCLEX-RN first attempt success.
- Cohorts were divided into two groups due to a curriculum change where standardized exams were affected.
- Using logistic regression analysis, differences in the groups were identified.

Conclusion
- These findings contribute to the growing body of literature looking at variables associated with student success in nursing programs.
- The processes faculty undertook in efforts to enhance student success were effective.
- Meeting or exceeding HESI exit exam is the strongest factor associated with 1st time NCLEX-RN success.