

Triple Partnership:

Expanded Benefits for College, Health System, Professional Association and Students

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Thomas Jefferson University

200+

Graduate & undergraduate programs

76,630

Alumni

17

NCAA Division II teams

8,200+

Students (full/part time)

Over

\$201 million

in sponsored research awards

1,000+

Patents for new drugs, software innovations, medical devices and diagnostic tools

Data is FY22 - updated January 2023



Jefferson Health

4,615

Credentialed physicians (2,141 are employed)

3

Magnet® designations

- Albert Einstein Medical Center (Jefferson Einstein Hospital)
- Jefferson Health – New Jersey
- Thomas Jefferson University Hospitals

9,300

Nurses (full/part time)

50+

Outpatient and urgent care locations

5.6 million

Outpatient visits

Data is FY22 - updated November 2023



Jefferson Health Plans

394,000

Total members

750

Employees

13,000+

Medicare members

7,900+

CHIP members

373,000+

Medicaid members

35+

Years of service

4★

Out of 5: Centers for Medicare & Medicaid Services star rating for Medicare plan performance and quality

Data updated June 2023

Conflicts of Interest and Disclosures

Neither the planner(s) nor presenter(s) reported real or perceived vested interests relates to this presentation.

Session Objective

To share results of high-level collaboration regarding senior-level undergraduate education, recruitment strategies to prompt interest in adult critical care nursing, and mitigation strategies designed to ease transition into practice

From Idea to Partnership

Collegial Partnership

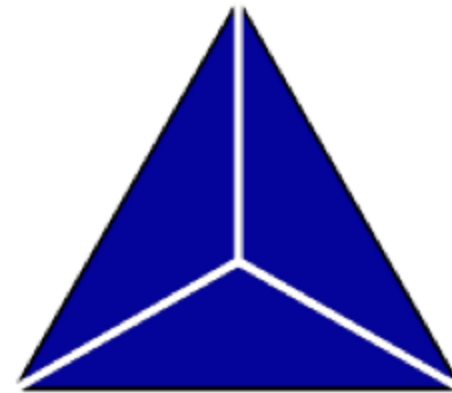
Jefferson Health

Thomas Jefferson University

AMERICAN
ASSOCIATION
of CRITICAL-CARE
NURSES

The Team & Elements Critical to Consider

- Leadership Triad
- Triad Team Engagement
- The Student Role



Methods

Research Questions

For students who participated in a critical care clinical experience and were exposed to curated portions of an online critical care nursing orientation program, how did participation impact:

- Satisfaction of first time students with a clinical capstone course
- First time NCLEX-RN pass rates of graduates
- Post-graduation critical care employment of graduates
- Graduate self-assessment of readiness (confidence) to deliver critical care nursing

What Consenting Students Agreed To

- AACN Critical Care/Jefferson pre-online program survey
 - Delivered via Qualtrics link (\approx 3 minutes)
- AACN Critical Care/Jefferson post-online program survey
 - Delivered via Qualtrics link (\approx 3-4 minutes)
- Completion of evaluation at end of capstone course
 - NU 496: Clinical Judgment Applications
- Willingness to report post-graduation employment plans
- Post graduation 1:1 interview or focus group participation

Outcomes

Course Evaluations - NU 496: Clinical Judgment Applications

All Responses vs Critical Care Orientation Student Responses

Question	All Responses (2022)	All Responses (2023)	Online Critical Care Orientation Students (2022)	Online Critical Care Orientation Students (2023)
	Strongly Agree/Agree (%)*		Strongly Agree/Agree (%)*	
1. Course concepts/content correlated with course student learning outcomes.	94.05%	87.64%	100%	100%
2. The course included a variety of assignments to meet the course student learning outcomes.	84.69%	92.13%	96.67%	100%
3. Course assignments were clear.	89.31%	93.33%	96.67%	100%
4. Course readings enhanced my comprehension of the course concepts.	80.10%	89.77%	90.57%	100%
5. Course concepts/content enabled me to apply theory to practice.	90.20%	89.41%	96.67%	75.00%

*Average weighted responses from 4 sections of NU 496

Course Evaluations - NU 496: Clinical Judgment Applications

All Responses vs Critical Care Orientation Student Responses

Question	All Responses (2022)	All Responses (2023)	Online Critical Care Orientation Students (2022)	Online Critical Care Orientation Students (2023)
	<i>Strongly Agree/Agree N (%)*</i>		<i>Strongly Agree/Agree N (%)*</i>	
6. Course concepts/content enhanced my clinical judgment/critical thinking skills (application and analysis of information).	93.23%	89.16%	100%	100%
7. Classroom environment and/or computer resources such as Canvas and virtual platforms supported student learning.	91.53%	91.95%	100%	100%
8. Library resources were adequate for student learning.	86.00%	92.05%	96.02%	100%
9. Electronic resources were adequate for student learning.	92.27%	89.89%	92.57%	100%
10. Professional nursing standards and guidelines were fostered.	92.33%	93.26%	96.67%	100%

*Average (weighted responses from 4 sections of NU 496)

NCLEX-RN Performance: 2022 (capture date 6/30/22)

Online Critical Care Orientation Students

Of 37 students who completed the online program:

- 19 (51.35%) took NCLEX-RN
- 18 (48.65%) have not yet taken NCLEX-RN

100% of students (N=19) who have taken the NCLEX-RN passed on first attempt

Critical Care Students

Of 29 critical care students who did not complete the online program:

- 14 (48.28%) took the NCLEX-RN
- 15 (51.72%) have not yet taken NCLEX-RN

71.43% of students (N=10) who took NCLEX-RN passed on first attempt

All Other Students

Of 414 other May 2022 graduates:

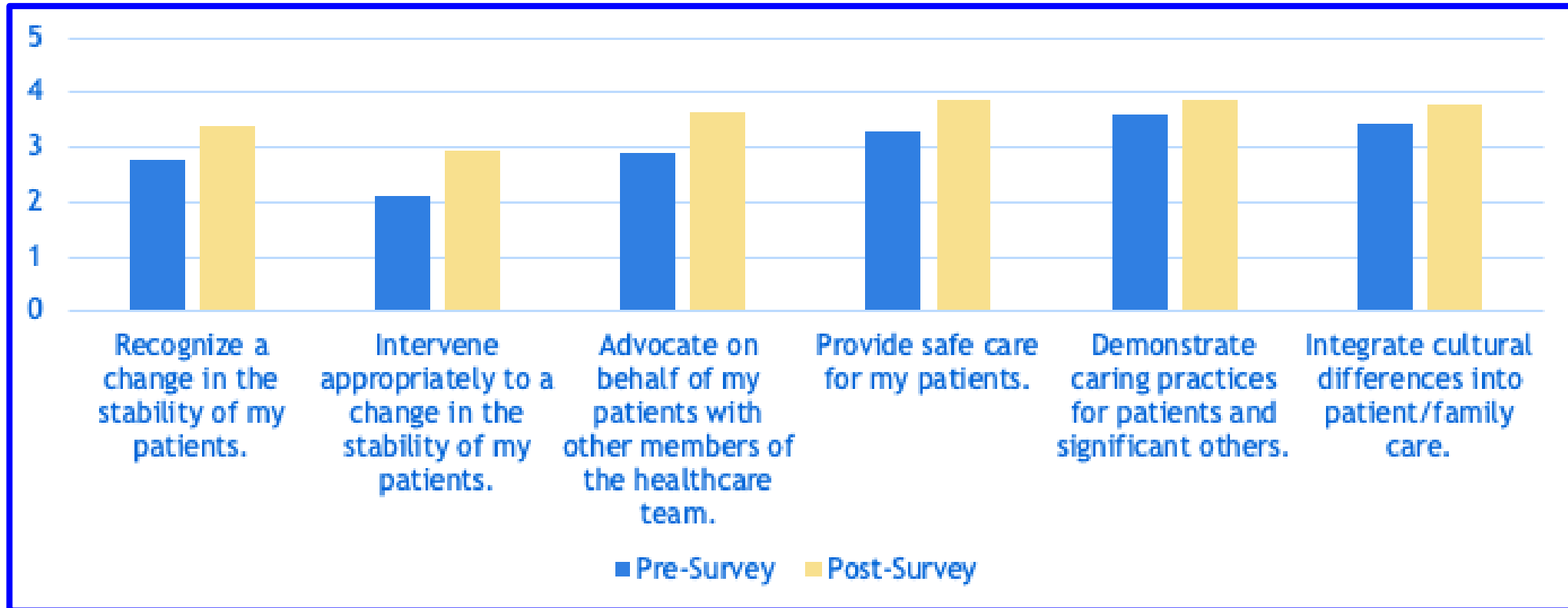
- 134 (34.79%) took NCLEX-RN
- 280 (65.21%) have not yet taken NCLEX-RN

82.84% of students (N=111) who took NCLEX-RN passed on first attempt

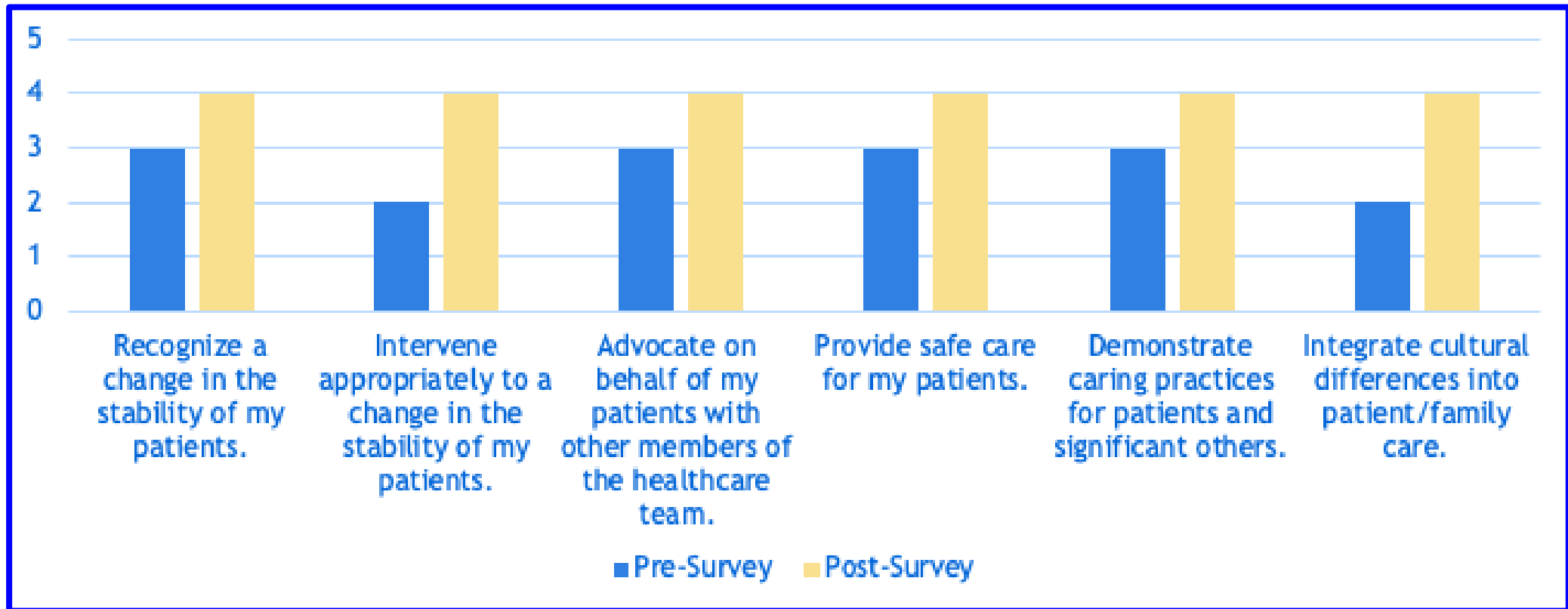
NCLEX-RN Performance: 2023 (capture date 11/15/23)

<h2>Online Program Students</h2>	<h2>Critical Care Students</h2>	<h2>All Other Students</h2>
<p>Of 15 students who completed the online program:</p> <ul style="list-style-type: none">– 15 (100%) took NCLEX-RN <p>86.67% of students (N=13) who have taken NCLEX-RN passed on first attempt. The remaining 13.33% passed on second attempt.</p>	<p>Of 51 non-ECCO critical care students:</p> <ul style="list-style-type: none">– 48 (94.12%) took the NCLEX-RN– 3 (5.88%) have not yet taken NCLEX-RN <p>93.75% of students (N=45) who took NCLEX-RN passed on first attempt</p>	<p>Of 368 other May 2023 graduates:</p> <ul style="list-style-type: none">– 348 (94.57%) took NCLEX-RN– 20 (5.43%) have not yet taken NCLEX-RN <p>91.09% of students (N=317) who took NCLEX-RN passed on first attempt</p>

Comparison of Pre- and Post-Survey Responses: 2022 (average)



Comparison of Pre- and Post-Survey Responses: 2023



Voices of Students: 2022

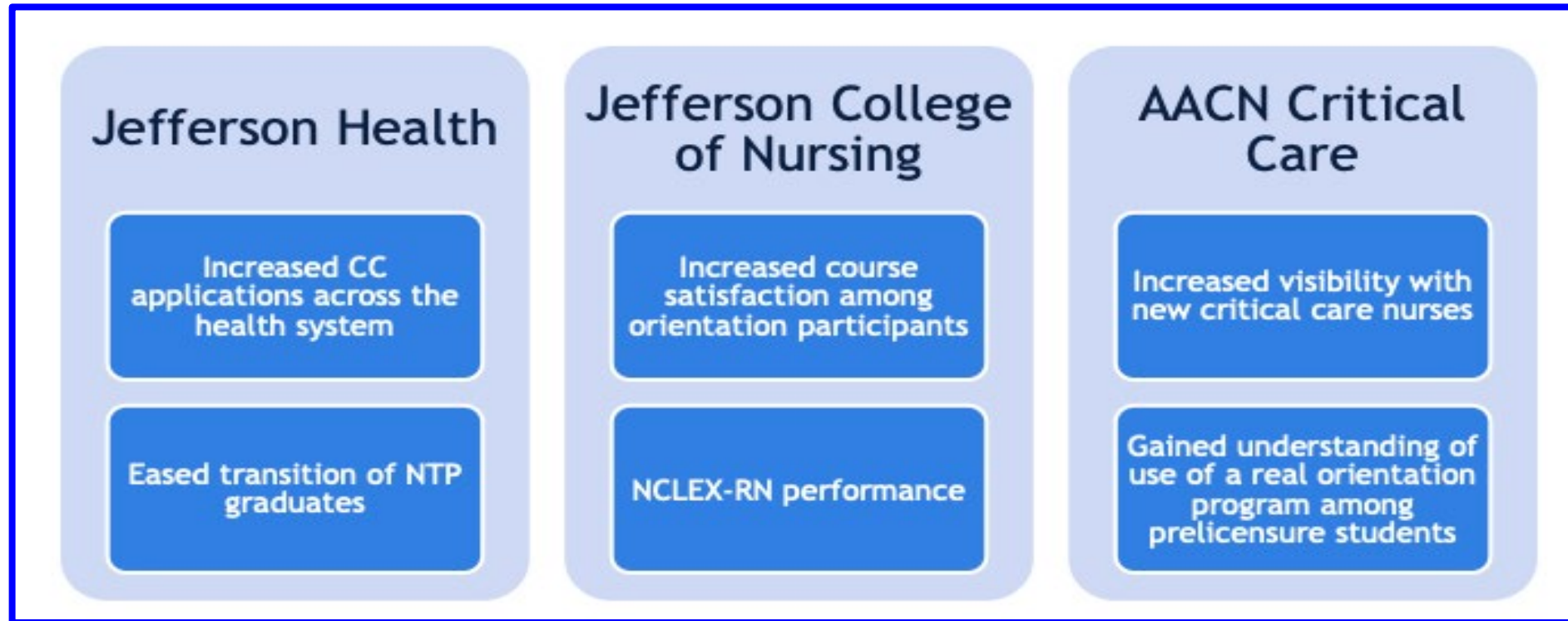
Lessons Learned

Lessons Learned

- Need intimate familiarity with the orientation course to:
 - Encourage student engagement/interaction with the online program
 - Prompt preceptor questions/directions to student regarding the course
- File IRB application early
- Secure a strong administrative support team
- Define metrics to examine potential cost savings with orientation and retention of nurses new to practice
- Note the effects of history on timing of the capstone
- Determine if student selection/recruitment alone impacts student confidence



Partner "Wins"



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