

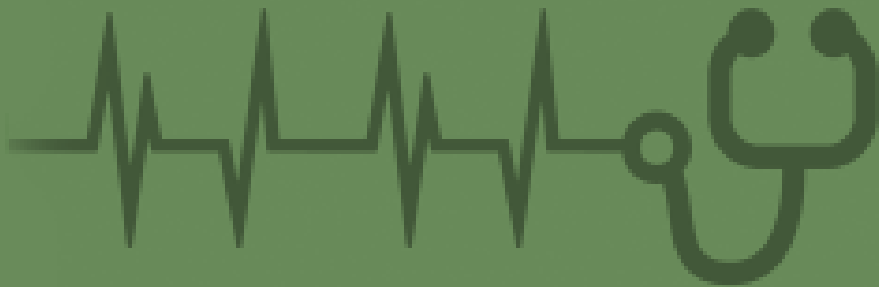
# **“Keep a Pulse on Progression: Optimal Student Learning Modalities in Nursing Education and Student Success”**

Twanda Gainer, MS, RN, PhD (c)



# Keep a Pulse on Progression: Optimal student learning utilizing a “CPR” approach

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# Overview

- The purpose of this presentation is to promote student success among a diverse student population through the concept of keeping a “Pulse on Progression” by applying a “CPR” approach.
- The methodology provides the opportunity to:
  - Assess student academic progression
  - Identify and support “at-risk” learners
  - Develop a holistic success plan
  - Discuss active teaching learning strategies



# Objective

- Discuss barriers that prevent culturally diverse nurses from entering the workforce.
- Discuss the current trends in nursing education.
- Review the Next Generation NCLEX (NGN).
- Describe strategies used in nursing academia to maximize student learning and retention.
- Discuss innovative teaching modalities that promote student success.



# Background

- Achieving diversity in the healthcare workforce of our nation and the global community is significant if the health of both is to be advanced (NLN, 2016).
- It is important for nurse educators to explore authentic teaching learning strategies that promote student success.



# Background cont.

- Rising attrition rates among minority students
- Revised NCLEX Test Plan 2019
- Student readiness
- Limited time to address knowledge/content gaps
- Limited Faculty resources



# Review of Literature

- According to the National League of Nursing (2016) the RN workforce is projected to grow by 19.4 percent as a result of expanding health reform enrollments and increase aging population who are eligible for Medicare.
- As the demands for healthcare services continue to grow, health disparities, poor patient outcomes, increased cost, impeding nursing shortage, and rising attrition rates will impact the nursing workforce.
- Nursing scholars must explore innovative teaching learning strategies to promote higher level of thinking and deeper learning that will lead to BSN program success among minority nursing students (Tranter et. al., 2018).



# Diversify the RN workforce

- Why diversity matters
  - Increase cultural competence
  - Improves patient satisfaction
  - Improves patient provider communication
  - Improves access to care
  - Improves care of vulnerable population





# Students Social Determinants of Success

- Anxiety
- Requirements outside of academic workload
- Depression
- Study skills
- Competing demands
- Emotional instability
- Pre-chronic stress
- Student's self concept of academic ability

Williams, S. (2016) HRSA Health workforce



# Current trends in Nursing Education

- Practice readiness
  - NCLEX Test Plan (NCSBN.org)
  - QSEN ([www.qsen.org](http://www.qsen.org))
- Technology
  - The digital culture is now the reality and expectation in nursing education, practice and research.





VNURSE: A 3D Simulation for Nurse Training, Dr. Rasha Morsi, Professor of Engineering, Norfolk State University.

# Next Generation of Nurses:

- Technology
- Critical Thinking
- Clinical Judgment
- Guidelines for Nursing Delegation



# Practical Implications

Over the past few decades, nursing education has focused on strategies to enhance student learning and outcomes yet the attrition rates among minority students in BSN programs continue to rise. It is important for nurse educators to explore the most effective approach for student success and achievement on the national licensure examination for RNs.



# Checkpoint

We have discussed:

- Overview
- Objective
- Background
- Literature Review
- Trends
- Social Determinants

Now looking at:

- Learning Styles
- Assessment tools
  - LASSI
  - Vark Learning
  - Active Learning Strategies
- Support with “CPR”



# Learning Styles and Education

- Student's learning style is linked to their performance in different learning environments
- Perception of the learning materials and format of presentation is influenced by their style/preference
- Increasing students' awareness of their learning style/preference and then providing them with strategies to learn, in both their preferred and non-preferred environments, enhances teaching and learning
- Students learning style *vs.* Educators learning styles
  - Awareness is important



# Learning and Study Strategies Inventory (LASSI)

Developed by Claire Ellen Weinstein, Ph.D., David R. Palmer, Ph.D., and Taylor W. Acee, Ph.D.

- Inventory that asks questions about current study practices and attitudes
- Set of 80 questions; ten scales most directly related to college academic success
- Individualized assessment

[https://www.hhpublishing.com/ap/\\_assessments/LASSI-3rd-Edition.html](https://www.hhpublishing.com/ap/_assessments/LASSI-3rd-Edition.html)



# LASSI:

## Three components of strategic learning

1. WILL
2. SKILL
3. SELF-REGULATION





# LASSI: The Will to Learn

- Anxiety
- Attitude
- Motivation

These scales indicate the degree to which students worry about academics, their interest in college, and the willingness to exert the effort necessary to fulfill academic requirements.



# LASSI: The Skill to Learn

- Information Processing
- Selecting Main Ideas
- Test Strategies

These scales indicate learning strategies, skills and thought processes related to learning new information and demonstrating new knowledge.



# LASSI: Self-regulation

- Time Management
- Self-Testing
- Concentration
- Study Aids

These scales indicate how students manage the whole learning process through use of time, attention, and utilizing study supports such as tutors to enhance learning.



# How LASSI is used

To help....

- Identify individual learning strengths and needs
- Coordinate with study skills resources
- Monitor progress between pre-LASSI to post-LASSI taken at end of semester used to monitor progression



# LASSI: Study skills

- Time management
- Memory techniques
- Lecture note taking
- Textbook reading skills
- Test preparation and test taking
- Stress management



# VARK: Learning Styles and Education

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# VAR K - Neil Fleming

[www.vark-learn.com](http://www.vark-learn.com)

- **Visual**
  - Seeing
- **Aural**
  - Listening
- **Read/(write)**
  - The written word
- **Kinesthetic**
  - Experience and practice
- **Multimodal**
  - A mixture of some or all of the above



# Active Learning Strategies

## *Think and Act like a Nurse*

Simulation

Case Studies

Computer Base Testing





# Pulse on Progression: “CPR”

C

- Care
- Committed

P

- Prescriptive
- Plan

R

- Reach-out
- Remediate



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- Social Determinants
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- Assessment tools
  - LASSI
  - Vark Learning
  - Active Learning Strategies
  - Support with “CPR”

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