



# Transforming Nursing Education

To enable California Community College Districts to successfully apply for the Rebuilding Nursing Infrastructure (RNI) Grant Program from the California Community Colleges Chancellor's Office

Deadline: January 31, 2025, 11:59 p.m. PDT



# Elsevier Nursing and Health Education

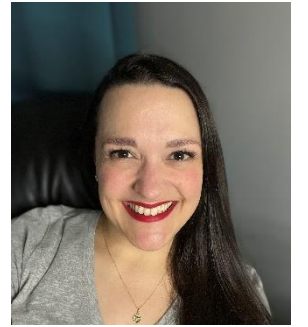
|   |                                    |
|---|------------------------------------|
| 1 | Welcome                            |
| 2 | Elsevier Program Solution          |
| 3 | Sherpath AI: Introduction and Demo |
| 4 | Nurse and Curricular Support       |
| 5 | Customer testimonial               |



**Brent Gordon**  
President, Nursing  
and Health Education

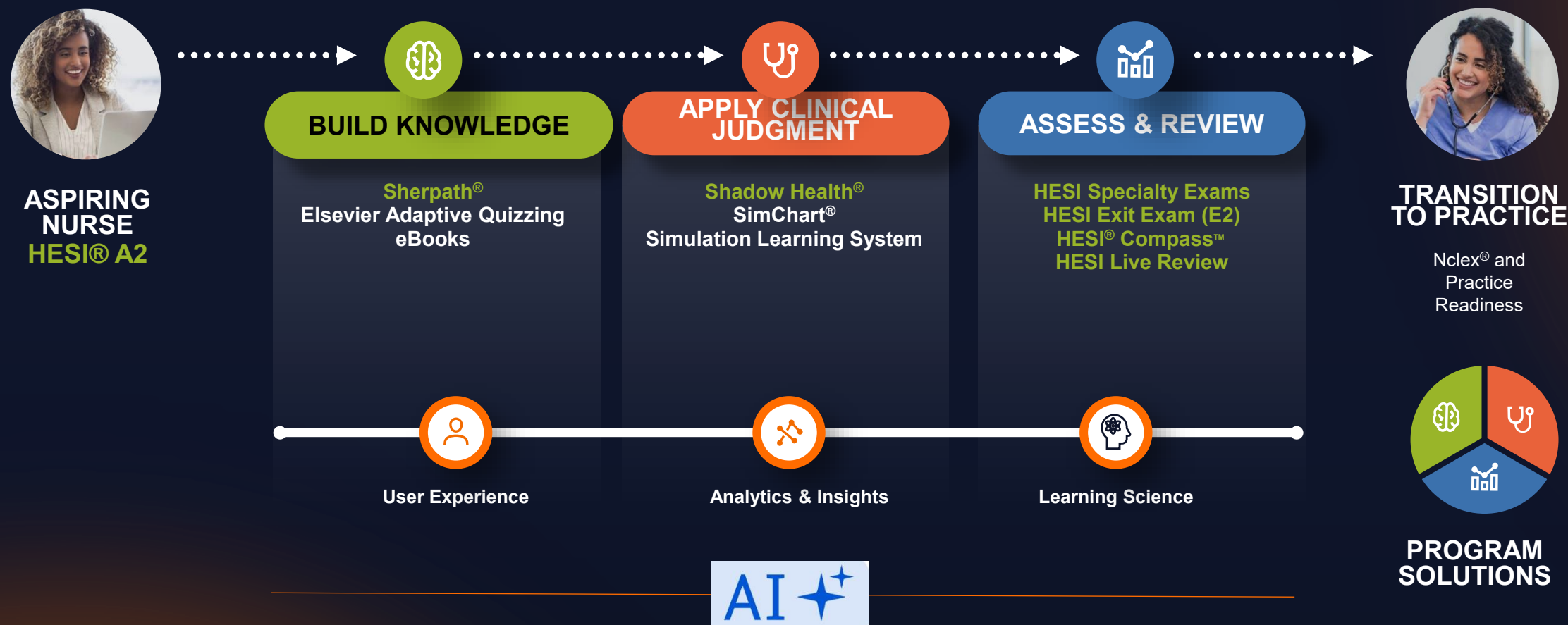


**Hollie Moots DNP, RN**  
Director, Customer  
Success – Nursing  
Education



**Jeanette Valdes**  
Principal Product  
Experience  
Manager

# Program solutions and analytics across the student journey





# EVIDENCE-BASED AND PROVEN TO WORK



ASPIRING  
NURSE  
HESI® A2



BUILD KNOWLEDGE

STUDENTS WHO  
USED SHERPATH  
SCORED  
147 POINTS  
HIGHER ON  
HESI'S EXIT EXAM  
THAN THOSE WHO  
DID NOT USE  
THEM



APPLY CLINICAL  
JUDGMENT

74% OF  
STUDENTS  
SIGNIFICANTLY  
INCREASED  
THEIR CLINICAL  
JUDGMENT



ASSESS & REVIEW

97% NCLEX-RN  
PASS RATE FOR  
STUDENTS WHO  
HAD AN E2  
SCORE OF 900+



TRANSITION  
TO PRACTICE

Nclex® and  
Practice  
Readiness

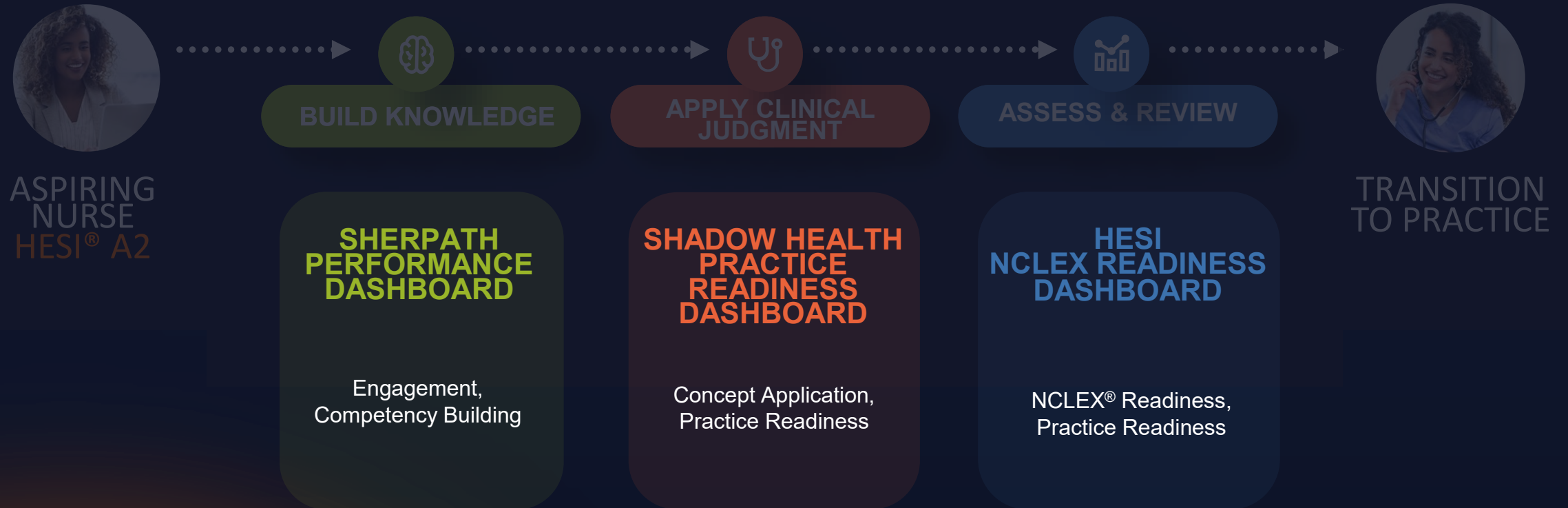


Health

ONE HEALTH 2024

**TOGETHER**  
*We Care*

# INSIGHTS TO CONNECT & INFORM





# INSIGHTS TO CONNECT & INFORM



## Access, Analyze, Achieve

Your hub for essential performance analytics dashboards for Sherpath, HESI and Shadow Health

### Program Success Dashboard

A holistic view of the nursing education journey, synthesizing insights from Sherpath, HESI, and Shadow Health to drive both program and student success.

Connected insights from:

Build Knowledge | Sherpath

Clinical Judgment | Shadow Health

Assess & Review | HESI

#### HESI Readiness for NCLEX Dashboard

Assess & Review | HESI

Gain insights into student preparedness for the NCLEX exam, focusing on critical readiness indicators.

#### Sherpath Performance & Grades Dashboard

Build Knowledge | Sherpath

Gain insights into student engagement and the mastery of foundational skills throughout the course.

#### Practice Readiness Dashboard

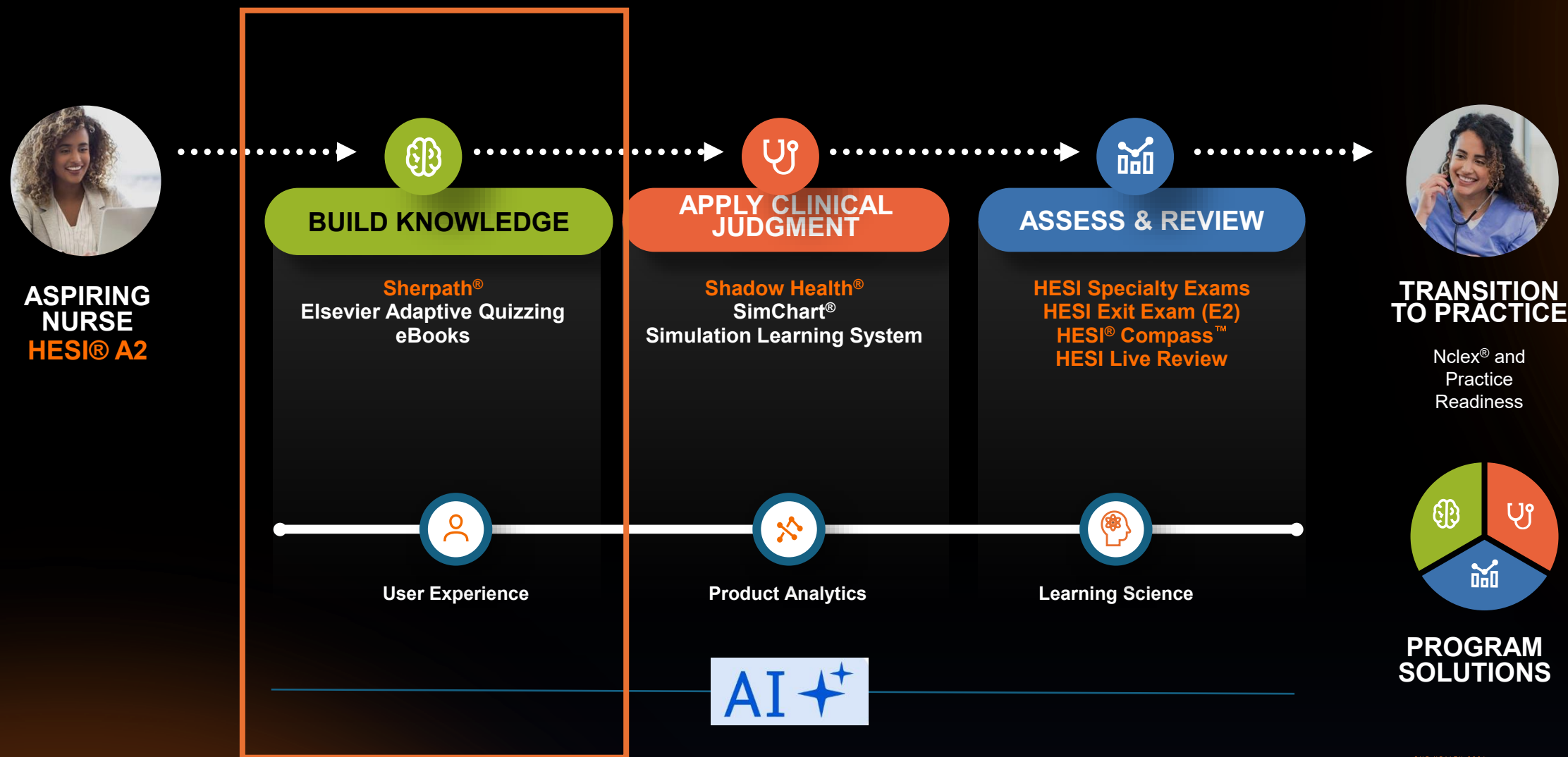
Clinical Judgment | Shadow Health

Gain insights into student development of clinical judgment skills in Shadow Health, preparing them for hands-on clinical experience.



Health

# Program solutions and analytics across the student journey



# Sherpath for Nursing

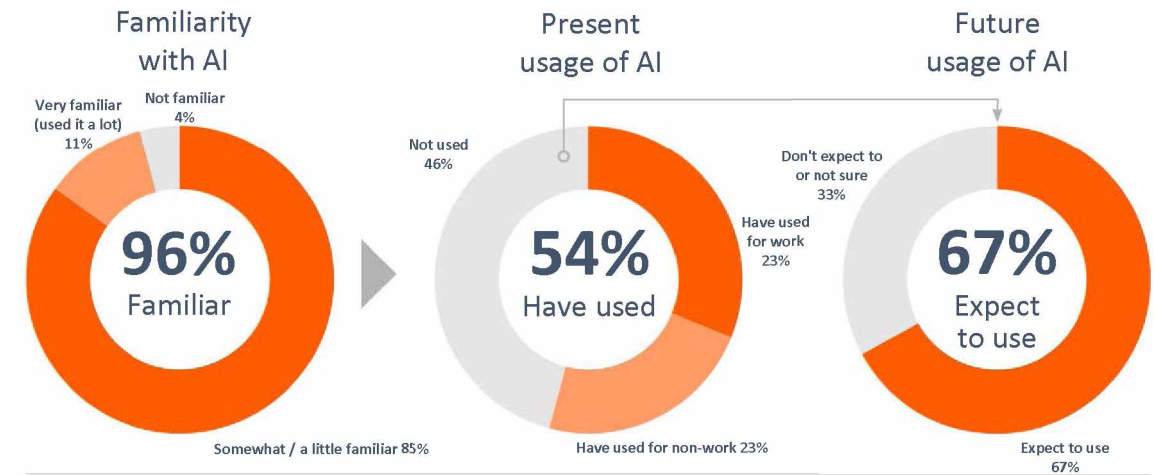


# Industry Trend: GenAI

"AI is the future, but it is also very worrying."

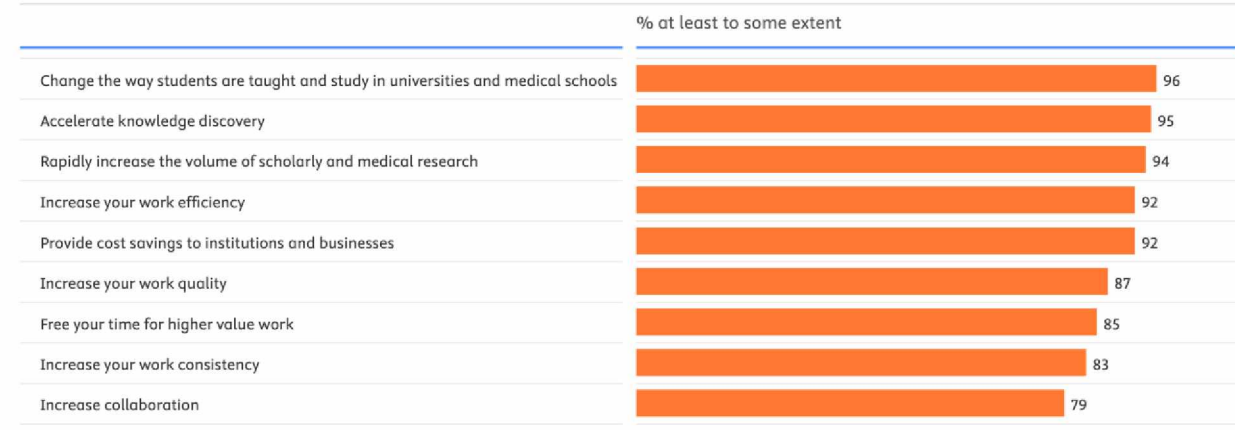
Survey respondent, doctor, Peru

- 95% think AI will help accelerate knowledge discovery
- 94% think AI will help rapidly increase the volume of scholarly and medical research
- 92% foresee cost savings for institutions and businesses
- 67% of those not using AI expect to use it in the next two to five years
- 42% of those who have ethical concerns about AI cite as a top disadvantage that it is unable to replace human creativity, judgement and/or empathy
- 71% expect generative AI dependent tools' results be based on high quality trusted sources only



**Fig 1.** Question: To what extent are you familiar with AI (including GenAI)? n=3,118  
Question: Have you used an AI (including GenAI) product or an AI feature on a product you use regularly? n=2,999  
Question: Do you expect you will choose to use AI (including GenAI) in the near future? n=1,330

## Positive impact of AI in various areas over the next two to five years



**Fig 9.** Question: Thinking about the impact AI will have on society and your work, to what extent do you think over the next 2 to 5 years it will...?  
A great extent, some extent, not at all. n=2,887

# SHERPATH

## Trusted Content

Powered by Elsevier's collection of vast, evidence-based content.

## Verifiable Sources

Source citations, allowing users to verify the accuracy and reliability of answers.

## Diverse Content

Allows for personalized responses in the moment of the student's learning.

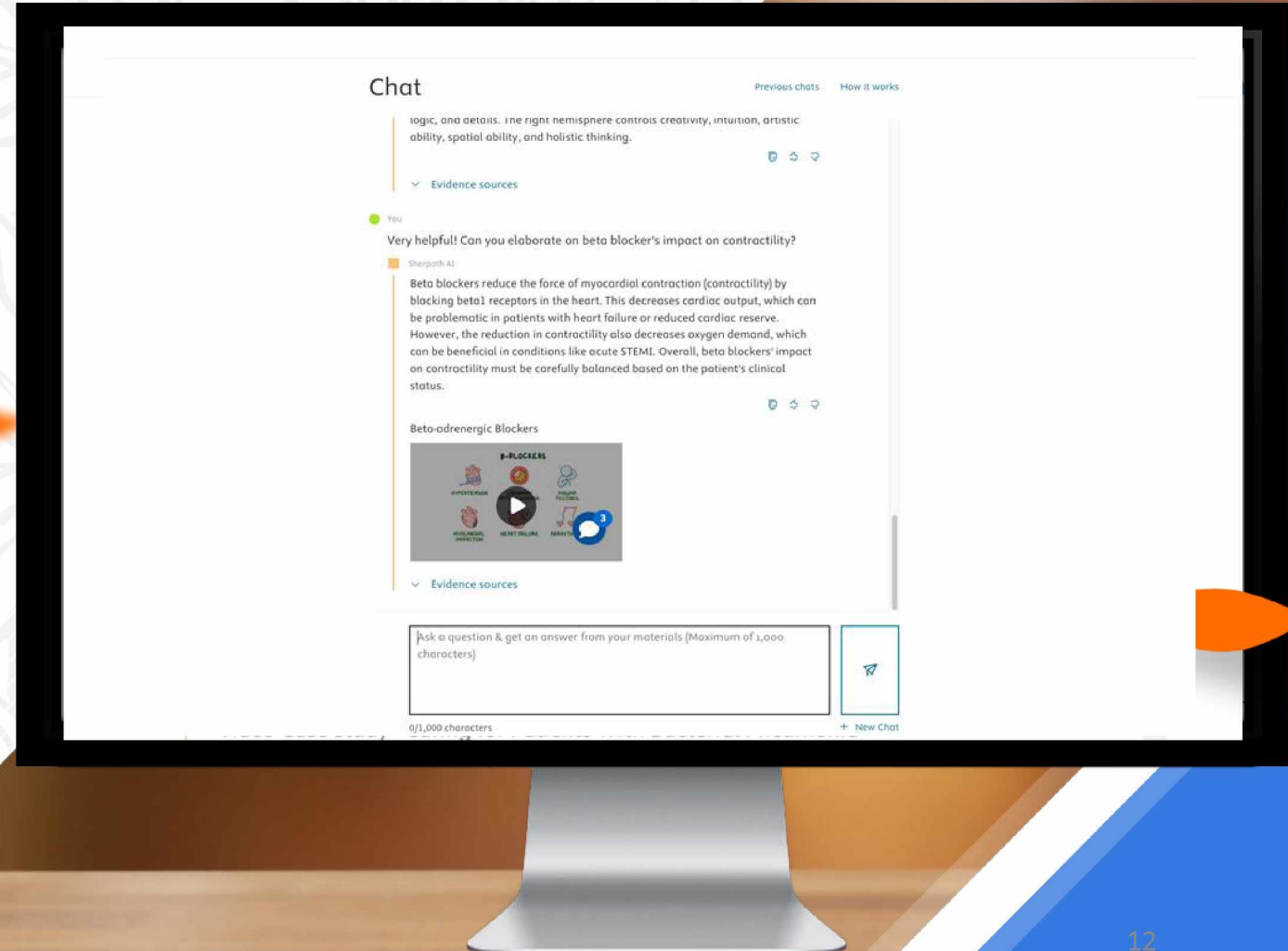
## Interactive Chat Dialogue

Empowering instructors with class preparation and teaching strategies.

## Personalized Answers

Support for course preparation and teaching strategies.

The first and most advanced generative AI chat designed specifically for nursing students and educators



“

Here's what  
customers are  
saying:

*“Looks like we needed  
it last semester!”*

*“Knowing that it's pulling  
from Elsevier books is  
great. ”*

*“It's what we need - a quick  
review for the exam”*



Student

*“I get questions all day long from  
students asking me to explain  
something... i think it would be  
very cool if...you can ask your  
textbook and it will answer you.”*

*“I think this is fabulous. I love  
putting the collective knowledge  
of all the Elsevier textbooks into a  
central place that can talk to  
students.”*

*“It can be used with remediation  
and looking for information that  
they often come to faculty  
about.”*



Dean

*“This would provide them the  
resource they're already  
seeking and help us know the  
quality is there.”*

*“I think it will be good in  
regards to testing...asking  
questions in a new way.”*

*“As an instructor it'd be useful  
for me because sometimes I  
need a refresher too! Help me  
so I can explain it better for  
them.”*



Educator

# Responsible AI Principles

1. We consider the real-world impact of our solutions on people
2. We take action to prevent the creation or reinforcement of unfair bias
3. We can explain how our solutions work
4. We create accountability through human oversight
5. We respect privacy and champion robust data governance

Now let's see some  
of this in action!

# Sherpath

AI ✨



Welcome, Hollie

Combo med/surg and assessment

Change Course

Quick Links

My Evolve ↗

Ask Sherpath AI New

Giddens: Concepts for Nursing Practice, 4th Edition ↗

Harding: Lewis's Medical-Surgical Nursing, 12th Edition ↗

Jarvis: Physical Examination & Health Assessment, 9e ↗

Submit feedback

Edit Course Plan

Bulk Select ☐ Off

Drag and Drop ☒ On

Add a folder

My Course Plan

All Items

Upcoming Assignments

Past Assignments

Default Tab

Collapse all folders

Perfusion - Level 1

Actions

eBook Reading est. 24 min

Visible Oct. 4, 2024 at 3:06pm EST

Concept 16, Perfusion: pp. 176-183

Giddens: Concepts for Nursing Practice, 4th Edition

Actions

eBook Reading est. 1 hr 6 min

Visible Oct. 4, 2024 at 3:10pm EST

Chapter 10, Vital Signs: pp. 141-162

Jarvis: Physical Examination & Health Assessment, 9e

Actions

Lesson est. 1 hr 4 min

Not Visible

Not Due

Vital Signs

Chapter 10, Vital Signs

Includes Osmosis Video(s): Assessment of Vital Signs (est. 6 min), Assessment of Vital Signs (est. 6 min)

Actions

Osmosis Video est. 6 min

Not Visible

Not Due

Assessment of Vital Signs

Chapter 10, Vital Signs

Included in Lesson(s): Vital Signs, Vital Signs

Actions

Adaptive Quiz (EAQ)

Visible Sep. 24, 2024 at 3:12pm EST

Due Oct. 4, 2024 at 11:59pm EST

Pass / Fail

0 Enrolled

Vital Signs Quiz

MASTERY | Novice

Toninfe: Chapter 10: Vital Signs

Actions

Ask Sherpath AI

# Responsible AI in Action: Dimensions of Evaluation

Helpfulness (Overall)

Comprehension

Correctness

Completeness

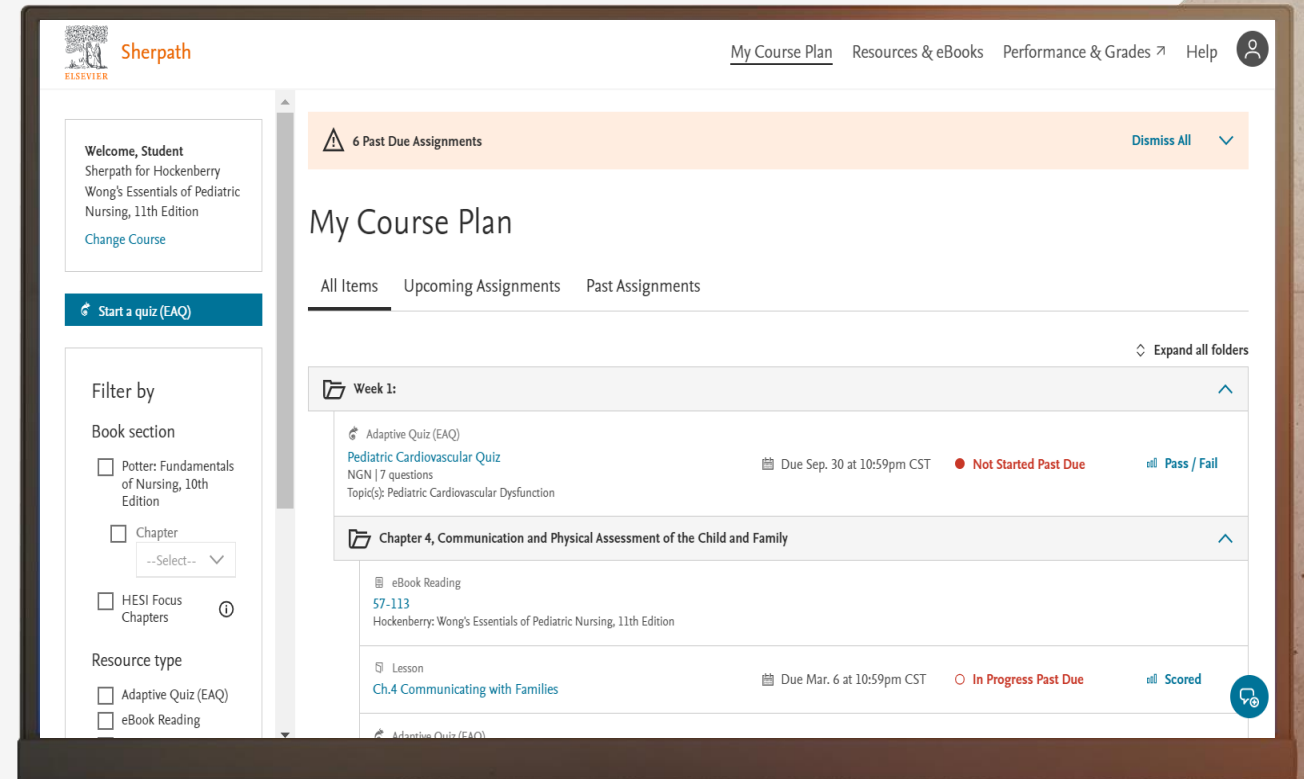
Educational Harmfulness

# SHERPATH

Over 100K Students

Over 8K Instructors

- **Personalized** learning and teaching technology with fully **interconnected course content** delivered in a single interface
- **Contextual and adaptive learning experience** that supports the way today's students process and retain vital information
- Multi-dimensional ecosystem providing various **integrated learning resources**, lessons, videos, adaptive quizzing, & virtual simulations
- **Holistic learning analytics** allow students & instructors to understand, in **real-time**, how they are tracking towards core competencies

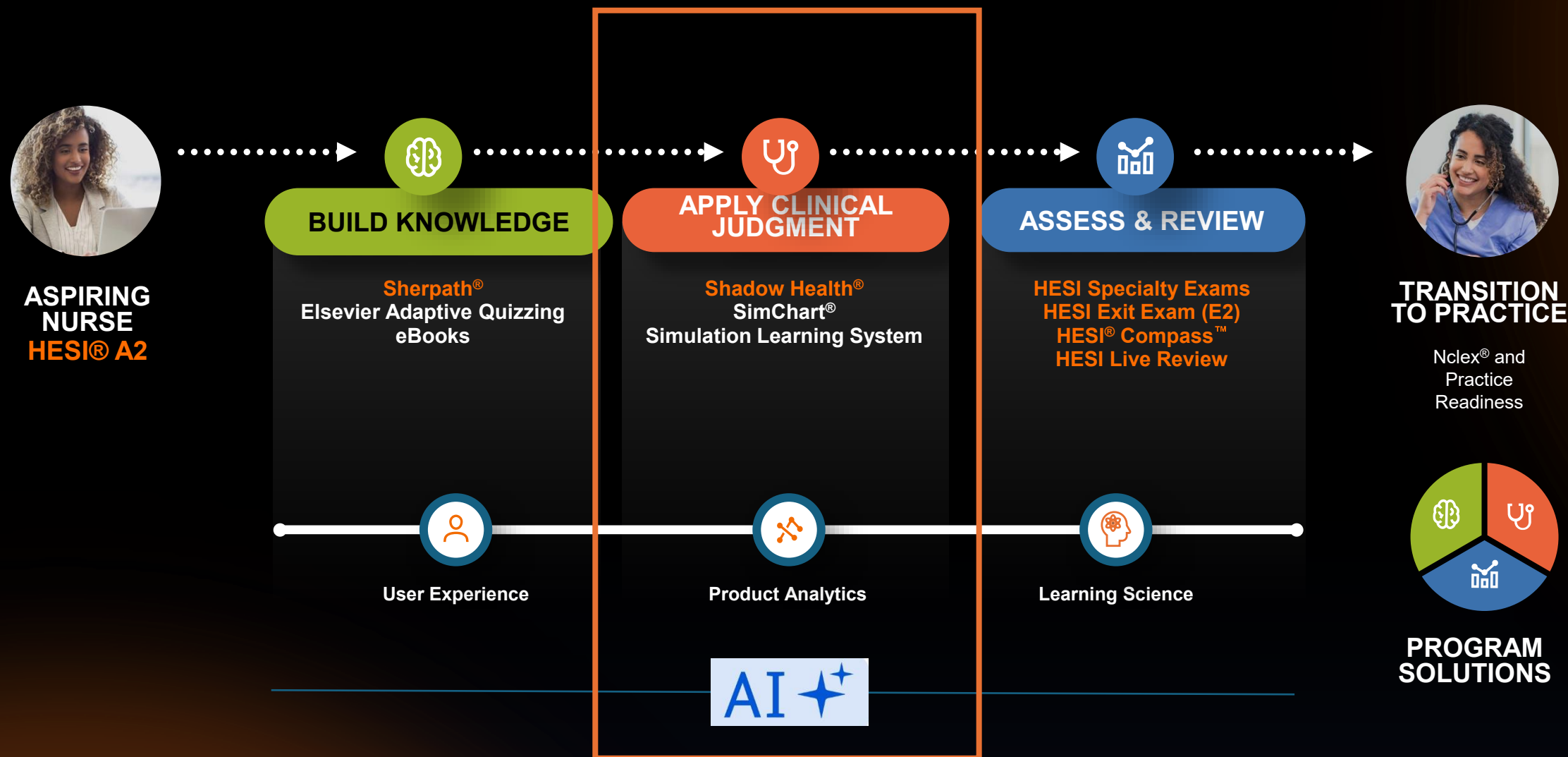


# Sherpath® for Giddens



The  
Concept-  
Based  
Solution

# Program solutions and analytics across the student journey



# Shadow Health's Digital Clinical Experiences **ENABLE STUDENTS TO BECOME MORE EFFICIENT**

Without sacrificing quality of their  
**Therapeutic Communication or Care Planning\***

**82%**

of students showed an  
**increase in patient  
data collection**

**62%**

of students showed a  
**decrease in patient  
interaction time**

**68%**

of students showed  
**an increase care  
plan score**

**67%**

of students showed an  
**increased education  
and empathy score**

Analysis of **more than 2,000 students** reveals a direct correlation between students **completing Digital Clinical Experiences** throughout a Health Assessment course in their nursing program and **increased efficiency in their virtual assessment skills**



Shadow Health's Digital Clinical Experiences

# IMPROVE CLINICAL JUDGMENT SKILLS\*

**74%** of students **significantly increased their clinical judgment**

**54% → 79%**  
increase in average  
**clinical judgment overall score**

**48% → 80%**  
increase in average  
**"recognize cues" score**

\* [Analysis](#) of more than 2,000 students reveals a direct correlation between students completing Digital Clinical Experiences throughout a Health Assessment course in their nursing program and **measured improvement in clinical judgment skills**

# UNDERGRADUATE NURSING



[Health Assessment](#)



[Mental Health](#)



[Pharmacology](#)



[Gerontology](#)



[Pediatrics](#)



[Maternal Health](#)



[Leadership](#)



[Community Health](#)



[Fundamentals of Nursing](#)



[Medical-Surgical Nursing](#)



[Pathophysiology](#)



Shadow Health®

# Digital Clinical EXPERIENCES™

PEDIATRICS



Students provide care for patients, who range in age from infant to adolescent, and their family units. Students take health histories, perform focused physical assessments, and construct care plans.

## Focused Exam: Respiratory Syncytial Virus



**Eden Wu**

AGE: 3 mos.

Location: Hospital, ER

- HPI: respiratory distress, cold symptoms
- Provide support for worried, first-time parents

60-90 min.

## Focused Exam: Asthma Exacerbation



**Gabriel Martinez**

AGE: 8

Location: Hospital, ER Triage

- HPI: difficulty breathing
- Calculate DAS score, determine interventions, and perform follow-up assessment

60-90 min.

## Focused Exam: Traumatic Brain Injury



**Damien Brooks**

AGE: 15

Location: Hospital, ER

- HPI: laceration on head, loss of consciousness and vomiting
- Calculate Glasgow Coma Score (GCS)

60-90 min.

## Focused Exam: Type 1 Diabetes



**Chelsea Warren**

AGE: 11

Location: Hospital, PC

- HPI: stabilized after
- Provide diabetic tx required for discharge

60-90 min.



Shadow Health®

# Digital Clinical EXPERIENCES™

MEDICAL-SURGICAL NURSING



Students practice recognizing changes in status and determining correct interventions.

## Complex Assessment:

Generalized Weakness



**Minerva Garcia**

AGE: 76

Location: Emergency Department

- HPI: high fever, extreme weakness, and confusion
- Identify suspected sepsis and supporting symptoms in a geriatric patient
- Evaluate post-intervention

60 min.

## Complex Assessment:

Unresponsive



**Taylor Herndon**

AGE: 21

Location: Emergency Department

- HPI: unconscious, brought to ED by a friend
- Prioritize assessment and intervention for an unresponsive patient
- Determine need for long-term rehabilitation

60 min.

## Complex Assessment:

Arrhythmia



**Martin Francis**

AGE: 58

Location: Med-Surg Floor

- HPI: heart palpitations and dizziness
- Recognize signs of ischemic thrombotic stroke
- Perform modified NIH Stroke Scale assessment

60 min.

## Complex Assessment:

End-Stage Heart Failure



**Vandana Kumar**

AGE: 71

Location: Med-Surg Floor

- HPI: experiencing heart failure complications
- Support and advocate for patient end-of-life (EoL) wishes
- Facilitate key conversations re: EoL decisions

60 min.

## Complex Assessment:

Cardiac Intervention



**James Morris**

AGE: 50

Location: Telemetry Floor

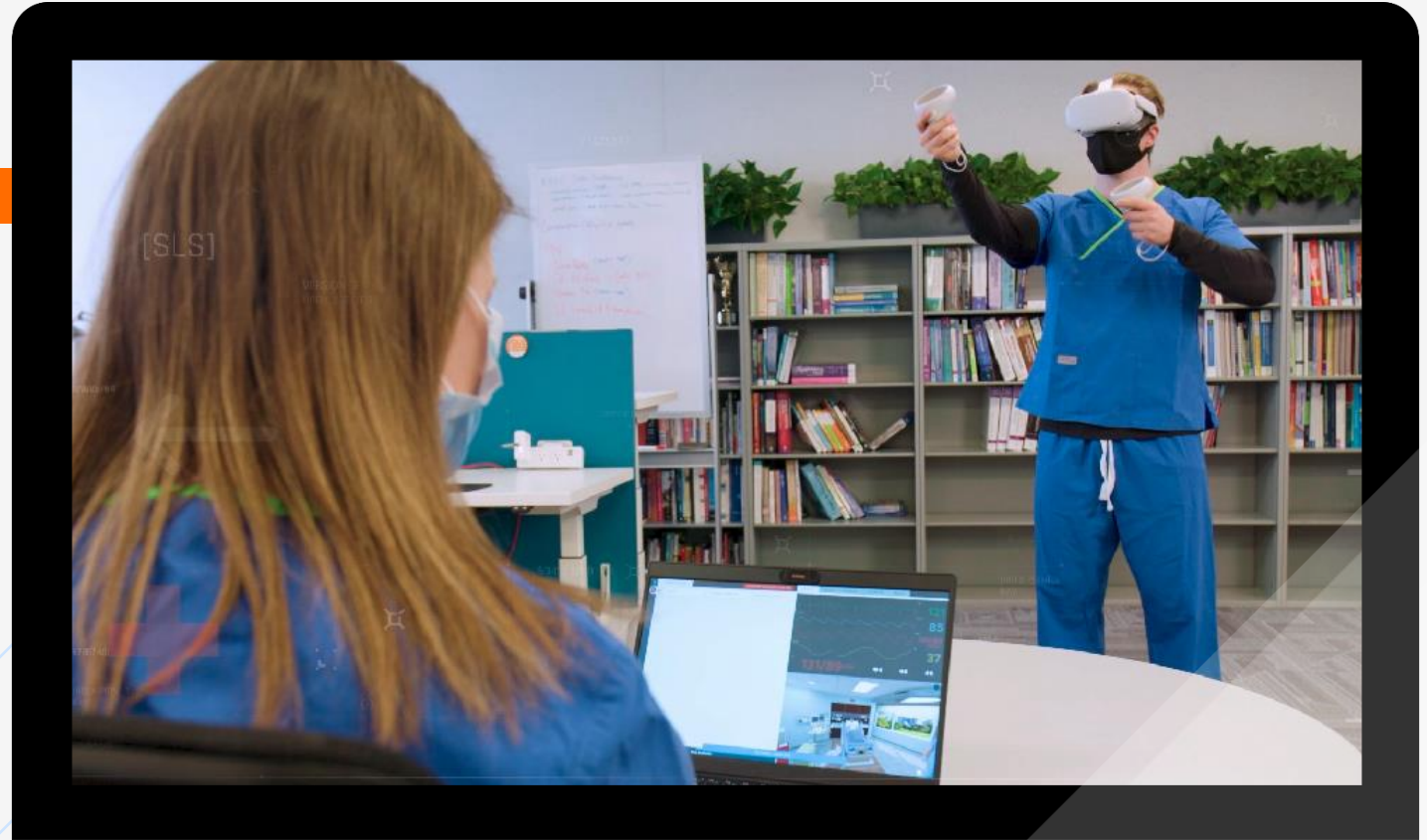
- HPI: persistent chest pain, history of unstable angina
- Identify lethal cardiac arrhythmias
- Prioritize care actions during cardiopulmonary resuscitation

60 min.

Engage students in










































# **REAL-WORLD PATIENT SCENARIOS**

Simulation Learning  
System with Virtual  
Reality

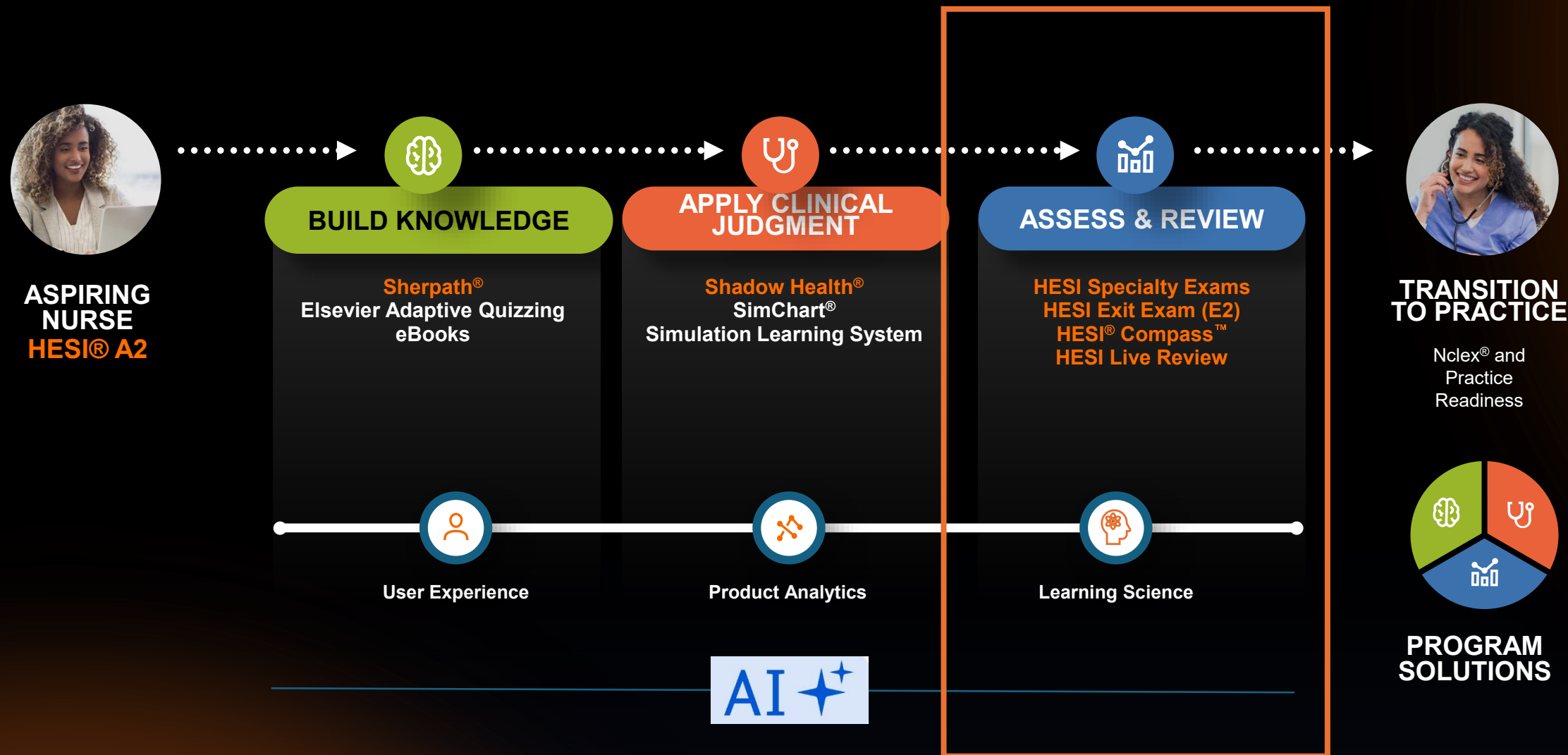


# Single Ecosystem

FOR SEAMLESS INTEGRATION

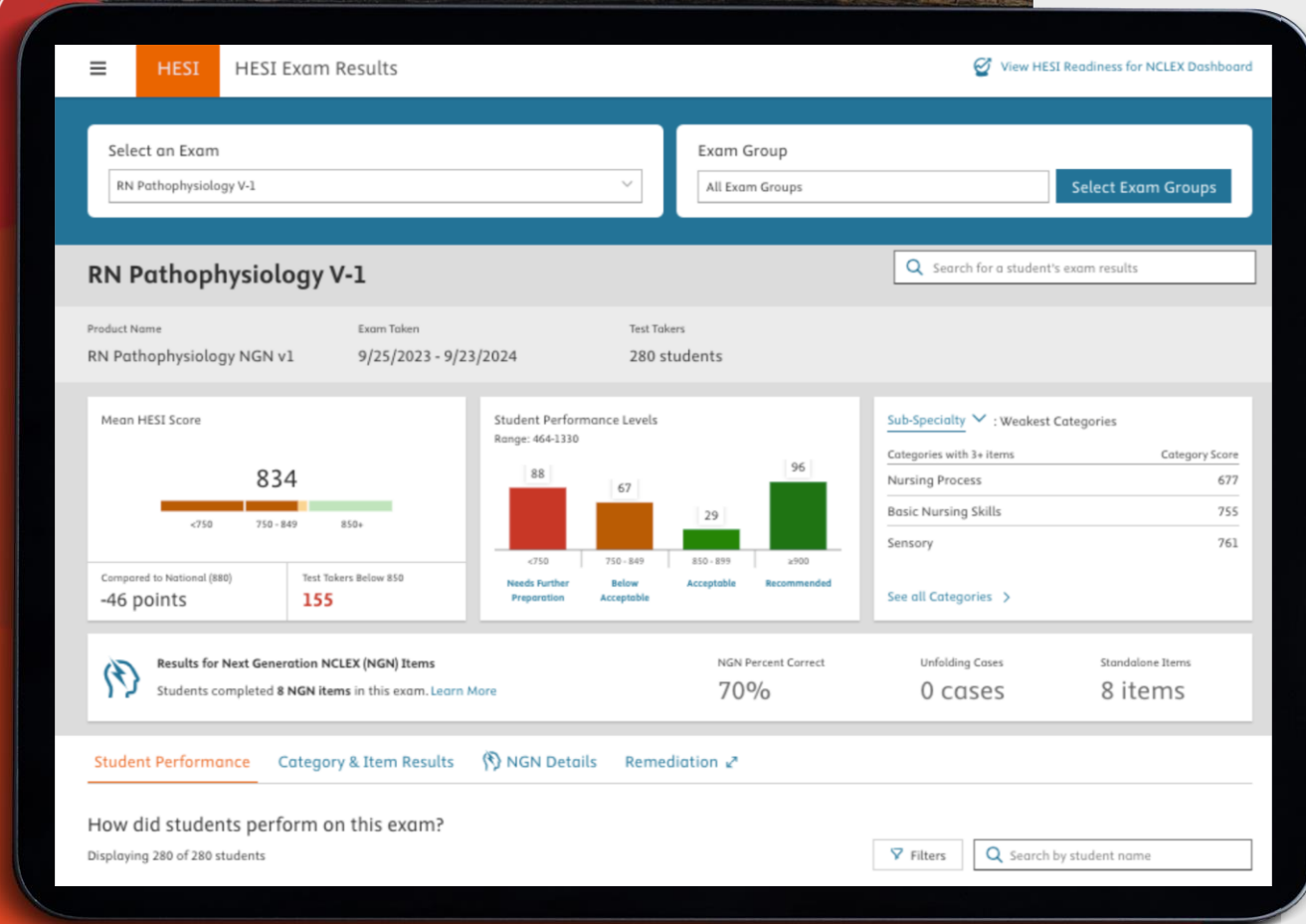
| Week 5: Sep. 16 - Sep. 22   |  |  |   | ...  | Actions | ^       |
|---|--|--|---|--|---------|---------|
|    | Adaptive Quiz (EAQ)<br>Ch 42 EAQ Fluid & Electrolytes<br>MASTERY   Novice<br>Topic(s): Fluid, Electrolyte, and Acid-Base Balance   |  Visible Sep. 17 at 9:29pm CDT<br> Due Sep. 20 at 11:59pm CDT      |  Pass / Fail |  0 Enrolled   | ...     | Actions |
|    | Assessment Builder Assignment<br>Ch 42 Quiz  |  Visible Sep. 19 at 9:55pm CDT<br> Due Sep. 19 at 10:55pm CDT      |  Scored      |  0 Enrolled   | ...     | Actions |
| Chapter 42, Fluid, Electrolyte, and Acid-Base Balance                               |  |  |   | ...  | Actions | ^       |
|    | eBook Reading  est. 3 hr 9 min<br>Chapter 42, Fluid, Electrolyte, and Acid-Base Balance: pp. 1042-1104<br>Potter: Fundamentals of Nursing, 11th Edition                           |  Visible Sep. 17 at 9:17pm CDT  |   |  | ...     | Actions |
|    | Lesson  est. 25 min<br>Acid-Base Imbalance<br>Chapter 42, Fluid, Electrolyte, and Acid-Base Balance   |  Visible Sep. 17 at 9:17pm CDT<br> Due Sep. 18 at 11:59pm CDT      |  Scored      |  0 Enrolled   | ...     | Actions |
|    | Osmosis Video  est. 4 min<br>Overview of Acid-Base Regulation<br>Chapter 42, Fluid, Electrolyte, and Acid-Base Balance<br>Included in Lesson(s): Overview of Acid-Base Regulation |  Visible Sep. 17 at 9:17pm CDT<br> Due Sep. 18 at 11:59pm CDT      |  Pass / Fail |  0 Enrolled   | ...     | Actions |
|   | Skill  est. 17 min<br>Regulating an Intravenous Infusion<br>Chapter 42, Fluid, Electrolyte, and Acid-Base Balance  |  Visible Sep. 17 at 9:18pm CDT<br> Due Sep. 19 at 11:59pm CDT   |  Scored    |  0 Enrolled | ...     | Actions |
|  | SimChart Case Study<br>Fluids and Electrolytes<br>Chapter 42, Fluid, Electrolyte, and Acid-Base Balance  |  Visible Sep. 17 at 9:21pm CDT<br> Due Sep. 20 at 11:59pm CDT  |  Scored    |  0 Enrolled | ...     | Actions |
|  | Shadow Health Assignment<br>Patient Care Rounds: Infection Control<br>Fundamentals of Nursing Digital Clinical Experiences   |  Visible Sep. 17 at 10:09pm CDT<br> Due Sep. 27 at 11:59pm CDT |  Scored    |  0 Enrolled | ...     | Actions |

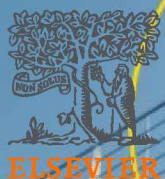
# Program solutions and analytics across the student journey



# WHY USE HESI

- **Over 25 Years** Peer Reviewed Research Published in more than **30 Nursing Journals** to prove validity and reliability
- **Trusted Secure Testing:**
  - **1/3** of items are refreshed **3X per year**
  - **No overlap of items** across exam versions.
  - Secure top of the line **Secure Browser**
  - Mandated all nursing exams must be **Proctored Live** (onsite or remote)
- **Personalized Remediation** tied and tagged to Elsevier's **MOST CURRENT** content, auto delivered and prioritized by weakest area.
- Robust **Data Dashboards** to identify deficiencies and predict NCLEX Success.
- **Complete Suite** of evidence-based preparation resources and exams.
- Elsevier-Built **Custom Exams**





## Students who take Elsevier's testing solutions

**12 HESI** = **160 point**  
Specialty Exams Improvement on  
HESI Exit Exam

**8 HESI** = **50 point**  
Specialty Exams Improvement  
on HESI Exit  
Exam

**4 HESI** = **30 point**  
Specialty Exams Improvement  
on HESI Exit  
Exam

## SCORE PROGRESSIVELY HIGHER

Exit Exam scores of  
**>850 = 96.33%**  
pass rate on NCLEX-RN

Exit Exam scores of  
**>900 = 97.29%**  
pass rate on NCLEX-RN



**ASSESS AND REVIEW**  
with **Specialty and Exit Exams**

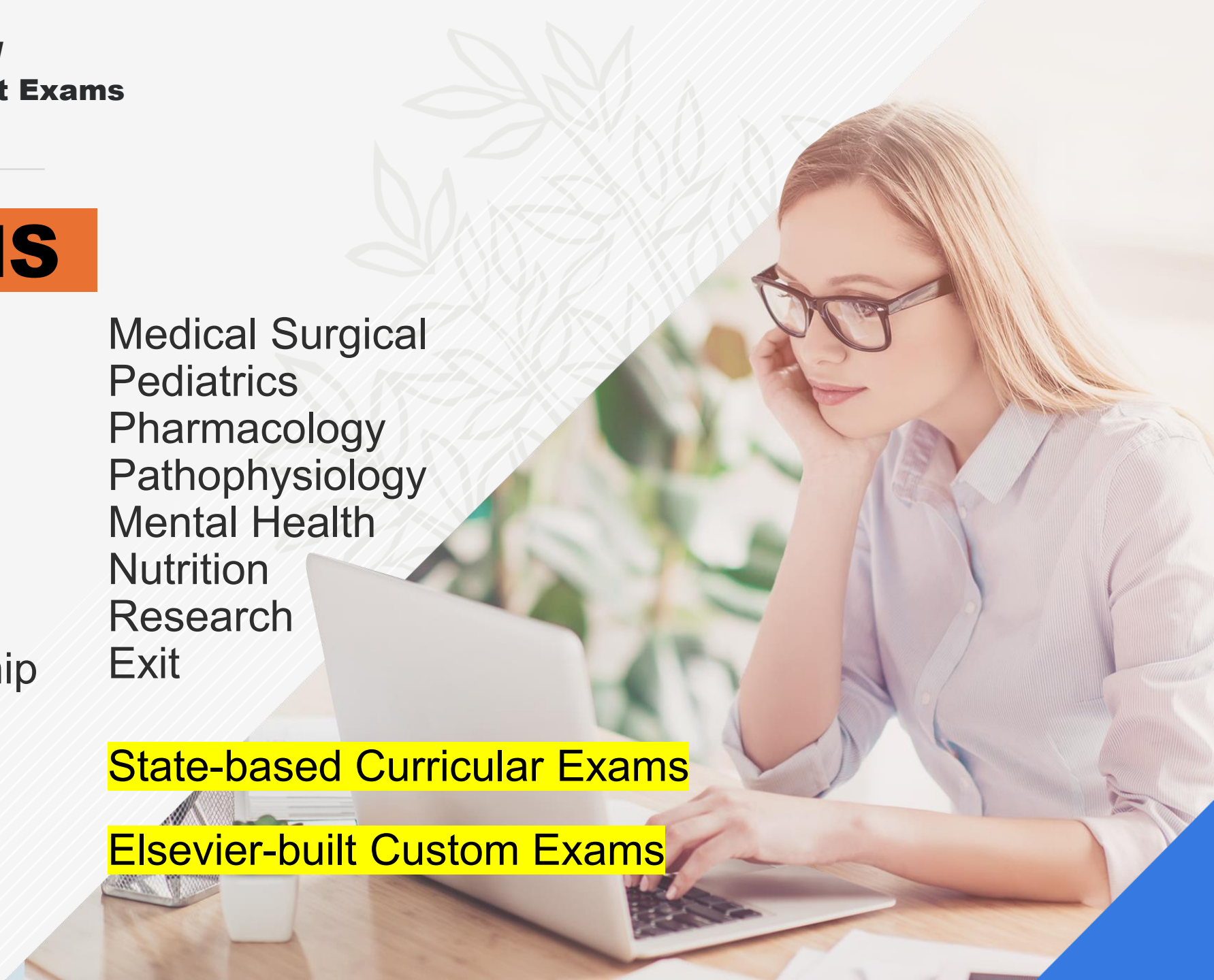
# HESI EXAMS

Community  
Critical Thinking  
Critical Care  
Dosage Calculations  
Fundamentals  
Health Assessment  
Geriatrics  
Management/Leadership  
Maternity  
Maternal/Peds

Medical Surgical  
Pediatrics  
Pharmacology  
Pathophysiology  
Mental Health  
Nutrition  
Research  
Exit

State-based Curricular Exams

Elsevier-built Custom Exams



# Personalized Learning Plan: Define Remediation Policy

## Schedule an Exam: Exam Name

1 Exam Session

2 Personalized Learning Plans (PLP)

3 PLP Content

### Step 3: Customize your Personalized Learning Plan Content

All content is tailored to a student's exam performance.

\*Select a template to use

Elsevier Recommendations

#### Elsevier Recommendations

Customize

According to your thresholds, here is a preview of available content based on a student's exam performance.

| Recommended<br>≥900                                     | Acceptable<br>850-899                                      | Below Acceptable<br>750-849                                | Needs Further Improvement<br><750                           |
|---|--|--|---|
| 4 readings & videos<br>1 case study<br>5 quiz questions | 7 readings & videos<br>2 case studies<br>12 quiz questions | 9 readings & videos<br>2 case studies<br>18 quiz questions | 12 readings & videos<br>2 case studies<br>25 quiz questions |

Cancel

Back

Schedule Exam

Use Default Recommendations

## Schedule an Exam: Exam Name

1 Exam Session

2 Personalized Learning Plans (PLP)

3 PLP Content

### Step 3: Customize your Personalized Learning Plan Content

All content is tailored to a student's exam performance.

\*Select a template to use

Create New

\*Template Name

E.g. RN Remediation Strategy Fall 2025

On

Provide relevant readings and videos

REVIEW

Update description here

[Advanced Settings](#)

Amount to assign by performance level

Set the amount of content to assign for review. We select content to suit individual students' exam and category performance.

| Recommended<br>≥900              | Acceptable<br>850-899             | Below Acceptable<br>750-849       | Needs Further Improvement<br><750  |
|----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|
| Readings & Videos<br>4<br>Max: 6 | Readings & Videos<br>7<br>Max: 15 | Readings & Videos<br>9<br>Max: 15 | Readings & Videos<br>12<br>Max: 15 |

☐ Do not include videos in my students' review content

On

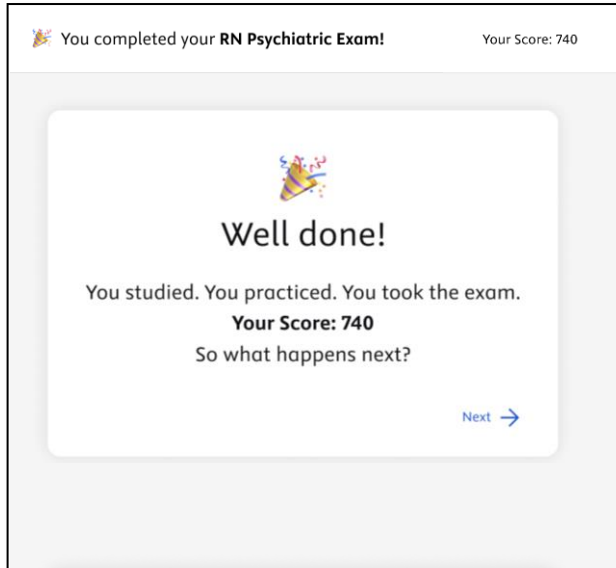
Provide HESI case studies

APPLY

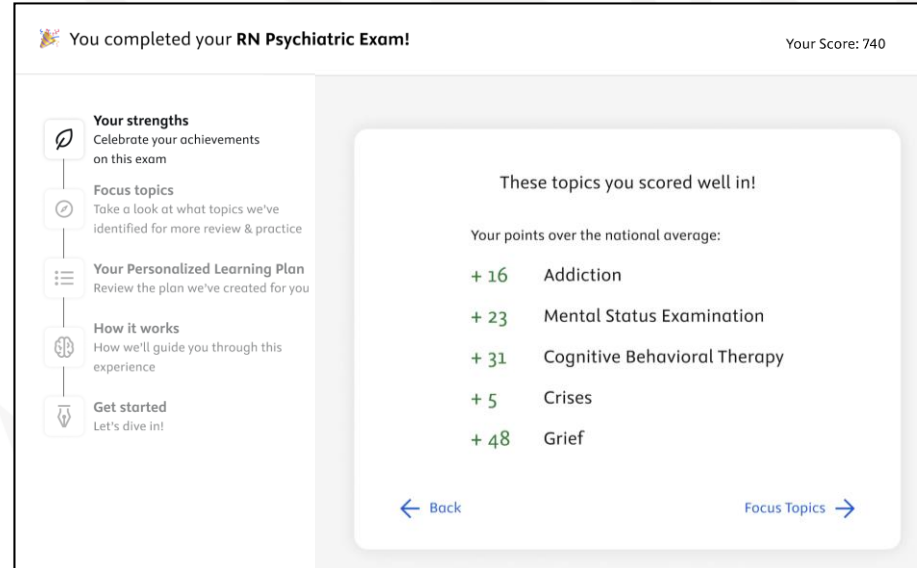
Enable scored HESI case studies to gauge students' understanding of remediated concepts.

Customize to YOUR Remediation Policy

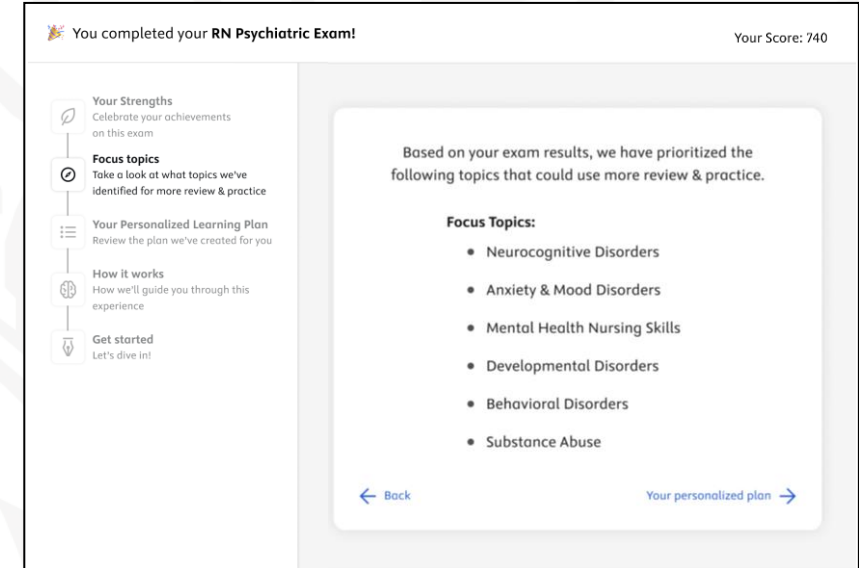
# Personalized Learning Plan



Positive Messaging



Highlight Strengths



Identify Focus Topics

# Personalized Learning Plan

× Study Assignment

RN PSYCH AND MENTAL EXAM

**Personalized Learning Plan**

Due 20 May 2024 (in 15 days)  

19%

You took the exam, and now its time to make sure you're on top of your game for next time. We've analyzed your results and have put together a learning plan personalized to your specific needs.

Review: Readings & Videos2/10 completed

Apply: Case Studies1/3 completed

Assess: Quiz Questions0% correct

**Review: Readings & Videos**2/10 completed

✓ Neurocognitive Disorders • 2/2 completed →

Anxiety & Mood Disorders • 0/2 completed →

Mental Health Nursing Skills • 0/1 completed →

Developmental Disorders • 0/1 completed →

Behavioral Disorders • 0/2 completed →

Substance Abuse • 0/1 completed →

**Apply: Case Studies**1/3 completed

Case Studies • 1/3 completed →

**Assess: Quiz Questions**0% correct

0/30 Questions Answered

0/25 Questions Correct

Take Quiz →

## Multiple Modalities

+ eBooks


+ Osmosis Videos\*

+ Case Studies

+ Quizzing

\* future enhancement

# Competency-Based Assessment: Clinical Practice Readiness Assessment (CPRA)



## Clinical Practice Readiness Assessment

**PROBLEM:**

The shift to the Next Generation NCLEX® brings clinical judgment to the forefront and increases the focus on clinical preparedness, an area that the market continually cites as a weakness with new nurses<sup>1</sup>. Educators and healthcare providers need a reliable method to help measure clinical judgment and practice readiness.

**SOLUTION:**

The Clinical Practice Readiness Assessment\* aims to provide learners with the opportunity to demonstrate their decision-making and critical thinking skills in a safe environment with a diverse patient population and various scenarios, while helping educators and healthcare providers evaluate learners' clinical judgment and practice readiness.


Clinical Practice Readiness Assessment is ideal for nursing student education as an end-of-program assessment or for healthcare organizations as part of a clinical onboarding program. In either setting, educators can:

1. Use a reliable, consistent tool for assessing practice readiness
2. Identify opportunities to strengthen the nursing curriculum or to focus on further training opportunities
3. Benchmark performance against other new nurses and/or against experienced nurses

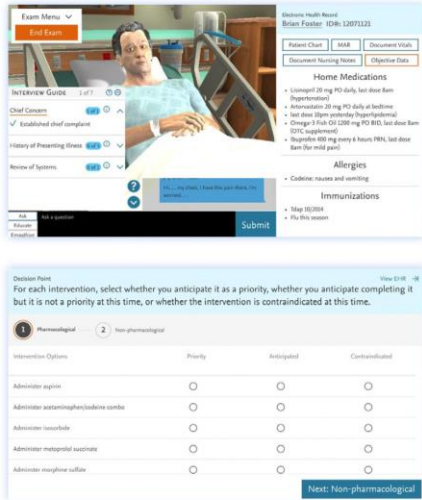
In the assessment, learners will interact with several **high-fidelity simulated patients**, gathering subjective and objective data. Then, they will answer a series of **decision-point questions in the style of the Next Generation NCLEX** for each patient.

<sup>1</sup><https://ojin.nursingworld.org/table-of-contents/volume-26-2021/number-1-january-2021/crisis-in-competency-a-defining-moment-in-nursing-education/>

\*This solution is in development and details are subject to change.



Upon completion of the assessment, **detailed reporting** will provide educators with a clear picture of how well learners are progressing toward practice readiness.





## Clinical Practice Readiness Assessment

- + High-fidelity screen-based simulations
- + NGN-style questions
- + Objective, standardized rubric



## Elsevier CPRA's assessment design and data

- + Developed by academic + clinical + assessment experts
- + Aligns with competency frameworks
- + Delivers clear, measurable data at individual and cohort levels



## Clinical Practice Readiness Assessment

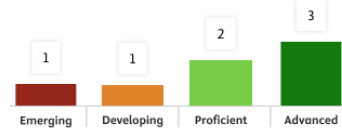
Date Taken

May 23, 2024

Completed by

7 of 7 students

### Class Distribution



Avg Performance Level  
**Proficient**

Avg Time Spent  
**98 min**

### 4 of 7 Students Below Proficient

| Student               | # Constructs Below Proficient |
|-----------------------|-------------------------------|
| Last Name, First Name | 4 Constructs                  |
| Last Name, First Name | 4 Constructs                  |
| Last Name, First Name | 4 Constructs                  |
| Last Name, First Name | 4 Constructs                  |

[See list of students below proficient >](#)

### Class Construct Summary

| Construct         | # Students Below Proficient ↑ |
|-------------------|-------------------------------|
| Assessment        | 4 of 6 students               |
| Communication     | 3 of 6 students               |
| Clinical Judgment | 3 of 6 students               |
| Education         | 2 of 6 students               |
| Safety            | 2 of 6 students               |

What are the Readiness Levels?

☒ Emerging

☒ Developing

☐ Proficient

☐ Advanced

| Student Name          | Overall Performance          |                         | Practice Readiness By Construct ⓘ |               |            |            |                   |
|-----------------------|------------------------------|-------------------------|-----------------------------------|---------------|------------|------------|-------------------|
|                       | Overall Practice Readiness ↓ | Time Spent (Avg 98 min) | Assessment                        | Communication | Education  | Safety     | Clinical Judgment |
| Last Name, First Name | Emerging                     | 100 mins                | Emerging                          | Emerging      | Developing | Emerging   | Developing        |
| Smith, Jane           | Developing                   | 109 mins                | Proficient                        | Proficient    | Emerging   | Developing | Developing        |
| Last Name, First Name | Proficient                   | 110 mins                | Developing                        | Developing    | Proficient | Advanced   | Emerging          |
| Last Name, First Name | Proficient                   | 120 mins                | Proficient                        | Proficient    | Advanced   | Emerging   | Proficient        |
| Last Name, First Name | Advanced                     | 70 mins                 | Developing                        | Advanced      | Advanced   | Advanced   | Advanced          |
| Last Name, First Name | Advanced                     | 90 mins                 | Proficient                        | Proficient    | Proficient | Proficient | Advanced          |
| Last Name, First Name | Advanced                     | 118 min                 | Advanced                          | Advanced      | Advanced   | Advanced   | Proficient        |

# The **CHALLENGE**

It's hard to identify  
students who are  
**HAVING  
DIFFICULTIES**  
and how to help  
them



Welcome to the Program Success Dashboard!  
Your Playbook for Championing Program and Student Success

## Program and Cohort Level

[Take a Tour](#)

### SHERPATH

### SHADOW HEALTH

### HESI

801 ↑ 12% since last year  
Mean HESI Exit Score for [Program Name](#) ▾  
[Review HESI cohorts](#) >

5 courses  
Active Sherpath Courses  
[Review my 5 active Sherpath Courses](#) >

3 courses  
Active Shadow Health Courses  
[Review my 3 active Shadow Health courses](#) >

Displaying 5 of 5 active Sherpath Courses

[Medical Dosage Calculations and Pharmacology](#) >

2 of 21 students Disengaged Students

1,805 questions  
Completed Self-Study EAQ

[View Gradebook](#)

**Engagement by Assignment Type**

| Assignment Type  | # Assignments Completed | # Past Due |
|------------------|-------------------------|------------|
| EAQ Mastery      | 15 of 25                | 18         |
| NGN Case Studies | 13 of 56                | 21         |
| Lesson           | 9 of 87                 | 35         |

**Distribution of Student Overall Scores**

[Potter Fundamentals of Nursing - Sherpath for Fundamentals](#) >

18 of 21 students Disengaged Students

200 questions  
Completed Self-Study EAQ

[View Gradebook](#)

**Engagement by Assignment Type**

| Assignment Type  | # Assignments Completed | # Past Due |
|------------------|-------------------------|------------|
| EAQ Mastery      | 15 of 25                | 18         |
| NGN Case Studies | 13 of 56                | 21         |
| Lesson           | 9 of 87                 | 35         |

**Distribution of Student Overall Scores**

Displaying 3 of 3 Shadow Health Courses

Sort by [Course Name \(A to Z\)](#)

[Health Assessment Fall 2023 - August 2023](#) >

Average Digital Clinical Experience Score

79.15%

Distribution of Student's DCE Scores Across 12 assignments

Average Patient Interaction Time

57 mins

[Pediatrics - Fall 2023 - September 2023](#) >

Average Digital Clinical Experience Score

84.6%

Distribution of Student's DCE Scores Across 9 assignments

Average Patient Interaction Time

65 mins

[Mental Health Simulations - October 2022](#) >

Average Digital Clinical Experience Score

91.5%

Distribution of Student's DCE Scores Across 8 assignments

Average Patient Interaction Time

95 mins

Displaying 10 of 10 active cohorts

Sort by [Graduation Date](#)

[Fall 23 Traditional ADN](#) >

Graduation Date: May 2023 Last Updated: May 20, 2021

849  
Likely HESI Exit Score

92%  
Likely NCLEX Pass Rate  
+9 points  
Compared to National

None  
Exit Exams Taken  
5  
Specialty Exams Taken

2 of 120  
# of Students below 850

[Winter 23 Traditional ADN](#) >

Graduation Date: May 2023 Last Updated: May 20, 2021

657  
Likely HESI Exit Score

56%  
Likely NCLEX Pass Rate  
-108 points  
Compared to National

None  
Exit Exams Taken  
5  
Specialty Exams Taken

51 of 120  
# of Students below 850

[Spring 24 Traditional BSN](#) >

Graduation Date: May 2023 Last Updated: May 20, 2021

745  
Likely HESI Exit Score

84%  
Likely NCLEX Pass Rate  
-91 points

None  
Exit Exams Taken  
5

35 of 80  
# of Students below 850

# Welcome to the Program Success Dashboard!

Your Playbook for Championing Program and Student Success

# Student Level

Take a Tour

## SHERPATH

## SHADOW HEALTH

## HESI

Program Success Dashboard

Search by student name

Access All Dashboards

Projected Graduation Date: December 2024

Back

Student Details for [Bennie Factor](#)

Assess & Review | HESI

Likely HESI Exit Score

892

<750 750-849 850+

Exams Under 850 4 of 8 exams

Likelihood of Passing NCLEX

95%

How is it calculated?

Total NGN Items Answered 44 items

Build Knowledge | Sherpath

31 of 115 assignments

Assignments below 80% in 3 active courses

View EAQ Topic Areas

Apply Clinical Judgment | Shadow Health

3 of 6 assignments

Assignments below 80% in 2 active courses

Category Performance Coming Soon!

HESI Exams Sherpath Assignments Shadow Health Assignments Category Performance NGN Item Type Details

Displaying 3 of 3 Sherpath Courses Bennie Factor is actively enrolled in

Sort by Average Score (Low to High)

Search by course

ABS NUR 221A: Fundamentals: Healthcare Quality and Safety (Fall 2023)

Assignment Completed Status

48 completed 0 in progress 7 post due 28 not started

Average Score of Assignments

98%

Assignments below Class Average

14 of 83 assignments

Clinical Intensive II-NUR412A

Assignment Completed Status

16 completed 0 in progress 0 post due 1 not started

Average Score of Assignments

100%

Assignments below Class Average

8 of 17 assignments

Program Success Dashboard

Search by student name

Access All Dashboards

Projected Graduation Date: December 2024

Back

Student Details for [Bennie Factor](#)

Assess & Review | HESI

Likely HESI Exit Score

892

<750 750-849 850+

Exams Under 850 4 of 8 exams

Likelihood of Passing NCLEX

95%

How is it calculated?

Total NGN Items Answered 44 items

Build Knowledge | Sherpath

31 of 115 assignments

Assignments below 80% in 3 active courses

View EAQ Topic Areas

Apply Clinical Judgment | Shadow Health

3 of 6 assignments

Assignments below 80% in 2 active courses

Category Performance Coming Soon!

HESI Exams Sherpath Assignments Shadow Health Assignments Category Performance NGN Item Type Details

N123 ABSN DEMO - JUNE 24 Grads - Psychiatric/Mental Health Shadow Health

70.4% Average Digital Clinical Experience Score

2 of 3 assignments Assignments below 80%

6 minutes Average Patient Interaction Time

Summer 2024 - LPN - ShadowHealth for Medical Surgical Clinical Experiences

78.6% Average Digital Clinical Experience Score

1 of 3 assignments Assignments below 80%

9 minutes Average Patient Interaction Time

Program Success Dashboard

Search by student name

Access All Dashboards

Projected Graduation Date: December 2024

Back

Student Details for [Bennie Factor](#)

Assess & Review | HESI

Likely HESI Exit Score

892

<750 750-849 850+

Exams Under 850 4 of 8 exams

Likelihood of Passing NCLEX

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How is it calculated?

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Build Knowledge | Sherpath

31 of 115 assignments

Assignments below 80% in 3 active courses

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3 of 6 assignments

Assignments below 80% in 2 active courses

Category Performance Coming Soon!

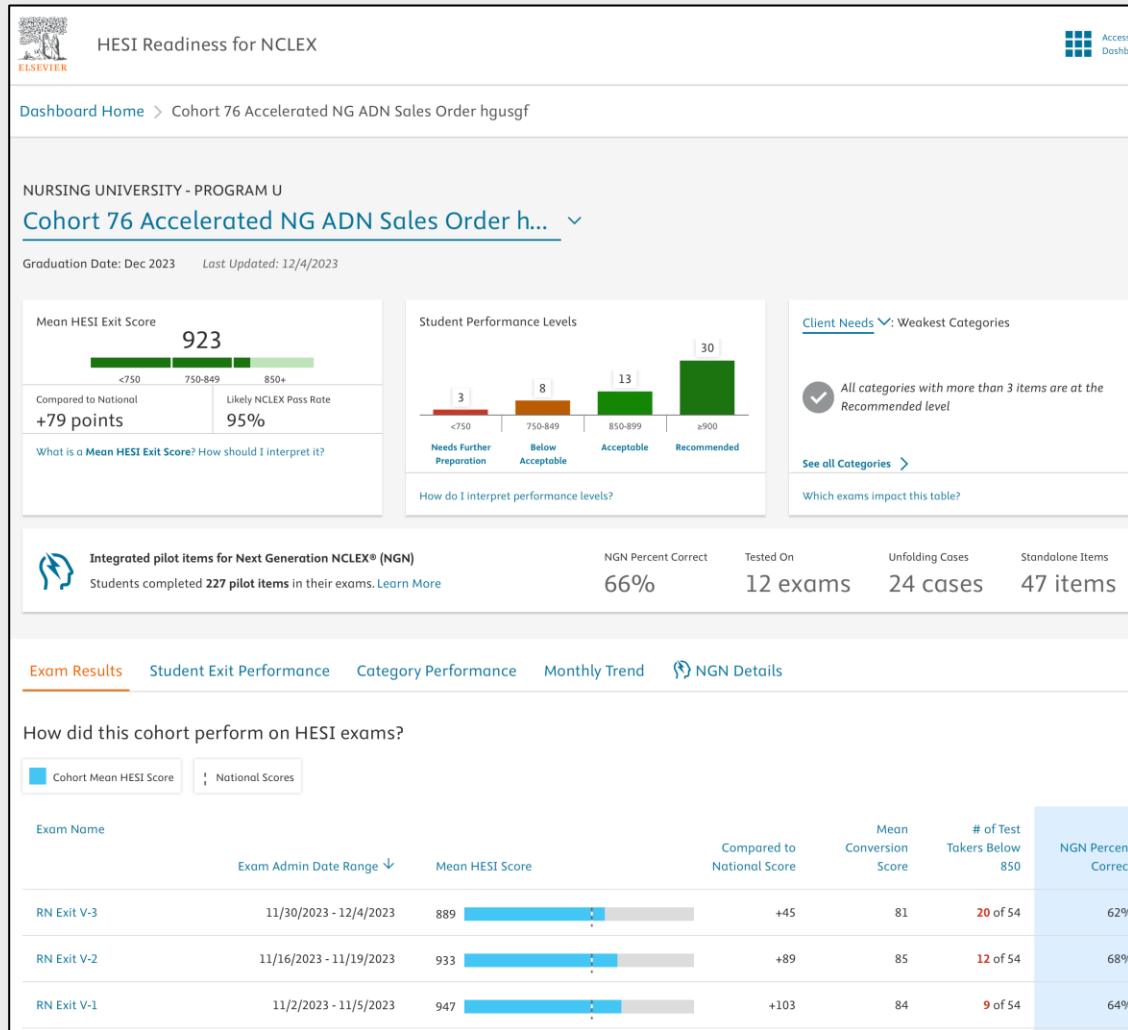
HESI Exams Sherpath Assignments Shadow Health Assignments Category Performance NGN Item Type Details

Exam Results Monthly Trend

How did this student perform on HESI exams?

Student HESI Score Cohort Mean HESI Score National Score

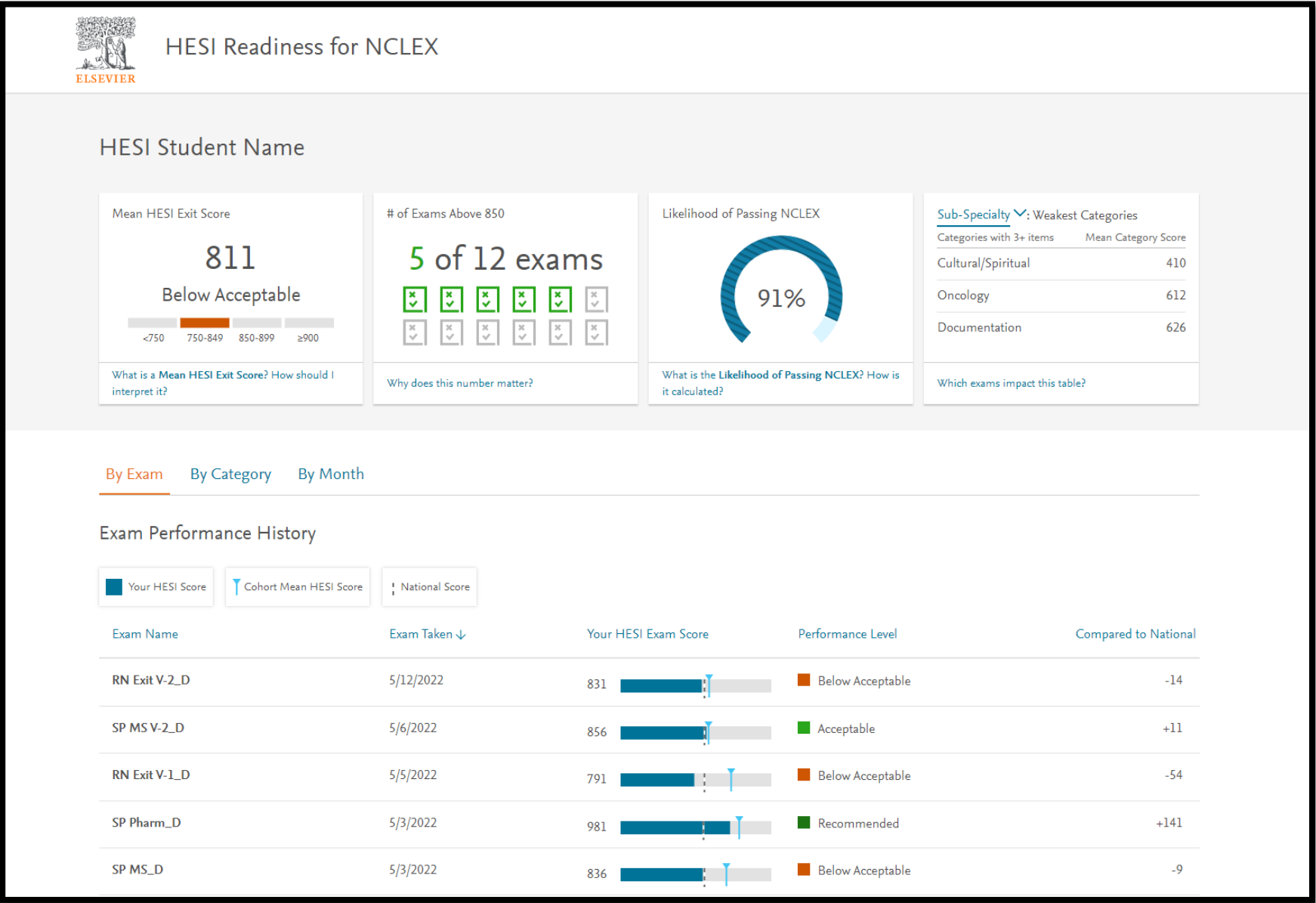
| Exam Name              | Date Taken | Student HESI Score | Performance Level | Compared to National |
|------------------------|------------|--------------------|-------------------|----------------------|
| RN Management V-1      | 7/17/2024  | 799                | Below Acceptable  | -32                  |
| RN Pathophysiology V-1 | 6/19/2024  | 871                | Acceptable        | -9                   |
| RN Med Surg V-2        | 5/29/2024  | 754                | Below Acceptable  | -82                  |
| RN Med Surg V-1        | 4/24/2024  | 829                | Below Acceptable  | -7                   |
| RN Community V-1       | 4/21/2024  | 983                | Recommended       | +129                 |



# THE HESI READINESS FOR NCLEX DASHBOARD

- Empowers educators to determine NCLEX-RN readiness by tracking student performance throughout the curriculum.
- Identifies at-risk students early, based on a prediction model backed by extensive research, monitoring cohort- and student-level progress and trends.

# Student NCLEX Readiness Dashboard





Program Solutions

## Become an Elsevier Certified Novice Nurse Educator!

Elsevier's Novice Nurse Educator Immersion Program is designed to equip you with the tools you need for effective teaching to support student success. This exclusive program includes a recorded webinar series that provides essential knowledge and practical strategies to help new nurse educators confidently lead dynamic learning environments as they begin their careers.



As an Elsevier Certified Novice Nurse Educator, you will gain the foundational knowledge and tools necessary to foster successful learning environments with our three-part webinar series.



### Strengthen Your Foundation in Foundations of Nursing Education

Designed to help you understand key elements of nursing education by:

- Discussing the different types of nursing curriculums
- Summarizing the role of the NCLEX test plan
- Discerning effective assessment strategies based on intended outcomes



### Build Confidence in Transitioning from Bedside Nursing to the Classroom

Designed to increase your confidence through your nursing education journey by:

- Recognizing common misconceptions and struggles new educators experience
- Strategizing and implementing ways to address these new challenges
- Identifying resources to develop a supportive team for yourself



### Discuss Best Practices in Best Practices for Nurse Educators

Designed to provide strategies for effective teaching and enhancing student engagement by:

- Reviewing the purpose of a course syllabus and staying current in nursing practice
- Discussing how to manage difficult student behaviors and key legal considerations
- Exploring engaging learning experiences and educational resources

As an Elsevier Certified Novice Nurse Educator, you will set yourself up for success as you begin your career in the classroom.

Earn Your Certification



360 for Nursing

## Become an Elsevier Certified Expert Educator!

Nurses are lifelong learners and dedicated to applying evidence-based practices to guide nursing care. You must continually monitor and assess patients to determine appropriate interventions and adjust care as needed to improve outcomes. In much the same way, Elsevier Certified Experts support nursing faculty in successfully using Elsevier 360 for Nursing tools and resources to monitor and assess students, intervene as needed, and ultimately improve student outcomes.



This program is a great opportunity to expand your knowledge and skills. Elsevier Certified Experts participate in a variety of enriching activities that support:

» Enhancing product utilization through dedicated training modules

» Developing expertise with expanded best practices and strategy reviews to support program success

» Bolstering product confidence through live trainings with the Elsevier implementation team

» Shaping product development through dedicated meeting time with the Elsevier product development team

As an Elsevier Certified Expert, you will become an authority in the effective implementation and use of the products associated with one of the three key components of Elsevier 360:



Build Knowledge

Help students indicate content



Apply Clinical Judgment

Engage students with scenarios



Assess & Review

Monitor and assess NCLEX®

## (NCPD) Offerings

Available For Elsevier's 360 Program Solutions Customers

Programs can choose 2 sessions per year that best fit their needs

Each session will provide nursing contact hours as listed in the session description.

### ACTIVE LEARNING IN YOUR NURSING CLASSROOM

This 1-hour session is designed to help nurse educators understand the changing landscape of nursing education and how to better prepare students for clinical practice with an engaging classroom. We will define active learning, review some of the benefits of an active classroom and discuss strategies for overcoming potential obstacles. Participants will leave with concrete ideas for small steps they can take to make a more active environment in their course.

### ALL AI IS NOT CREATED EQUALLY: HOW RESPONSIBLE AI CAN BENEFIT YOU AND YOUR STUDENTS

This session will equip participants with a basic understanding of AI in education. During this 1-hour session, we will review different types of AI and highlight important principles of responsible AI. We'll address common misconceptions along with strategies to promote the ethical use of AI in healthcare and nursing education.

### BUILDING CLINICAL JUDGMENT THROUGH SIMULATION

In this 1-hour session we will review the research to support the use of simulation in nursing education, highlight innovative simulation modalities, and explore ways to build clinical judgment and incorporate the NCSBN's Clinical Judgment Measurement Model into simulation experiences.

### EMPOWERING ESL LEARNERS: DIFFERENTIATED INSTRUCTION STRATEGIES FOR SUCCESS

This 1-hour session focuses on the challenges that learners for whom English is not a primary language face, especially in nursing education. We will discuss differentiated instruction and strategies for using digital resources to create a more learner-centered environment, designed to meet diverse student needs.

### INTEGRATING AACN ESSENTIALS: FOSTERING EXCELLENCE ACROSS LEARNING ENVIRONMENTS

This 1-hour session is perfect for educators who are looking for ways to measure competency in their CCNE Accredited program using the AACN Essentials. We will discuss the impetus toward

# Professional Development from Expert Nurse Educators

- Targeted support to help nurses new to teaching succeed
- Ongoing professional development in a variety of timely topics
- Opportunity to grow in the role and expand knowledge and expertise

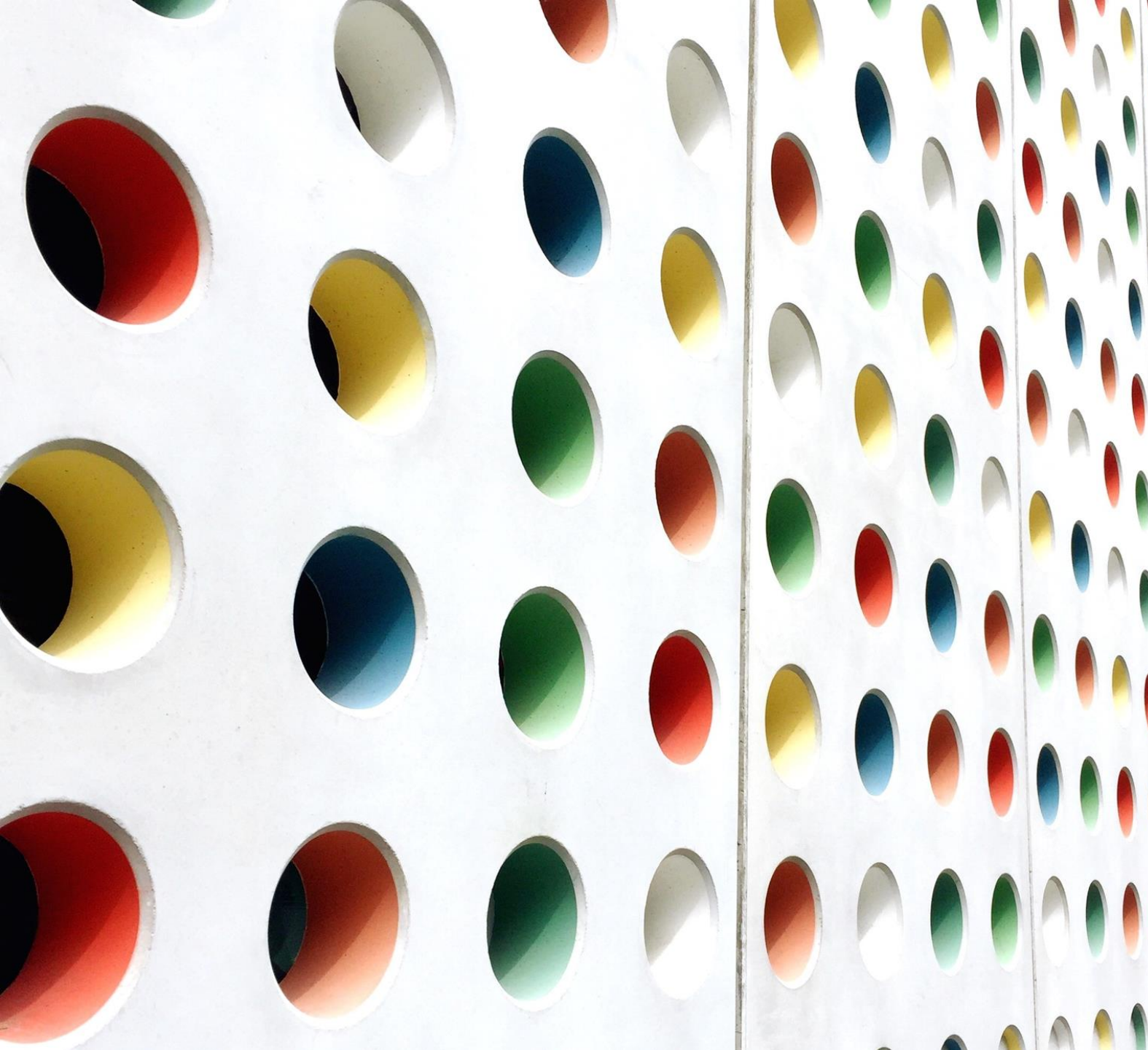
# Customer Testimonial – Cabrillo College Nursing Program



Jennifer Holm, DNP, RN, PHN, CHSE  
Nursing Program Director



Jenna Zeller, DNP, MS, RN, CEN, PHN  
Associate Program Director



# Our Journey with Elsevier

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AKA: USING TOOLS THE WAY THEY  
ARE DESIGNED IS EFFECTIVE!

# Situation

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DYNAMIC  
PROFESSION



CHANGING  
STANDARDS

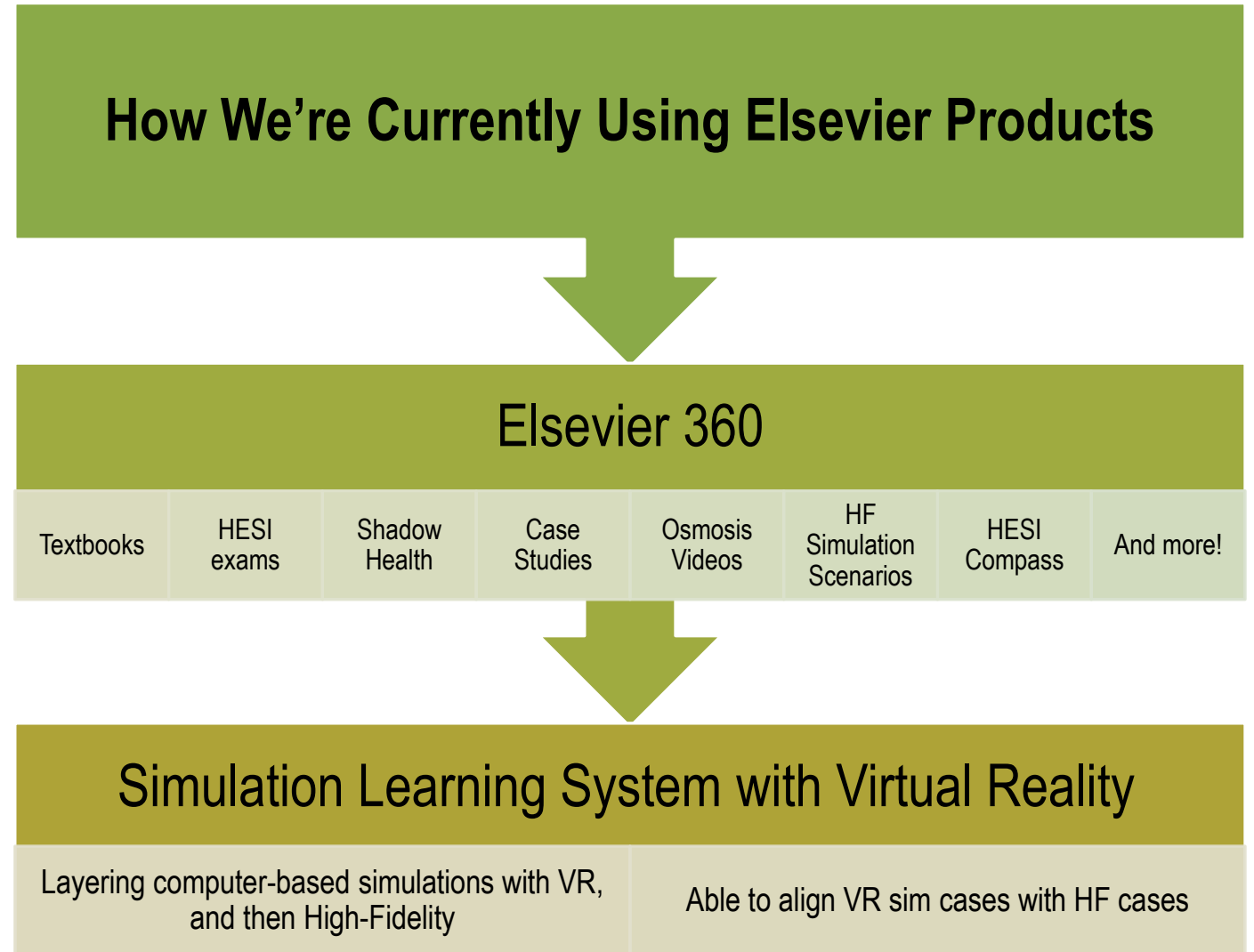


LIMITED  
RESOURCES



REELING FROM  
PANDEMIC

# Situation



# Background

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How we were using Elsevier  
Products (pre-2020)

## Very piecemeal!

- Students purchased hard-copies of the books at the bookstore
- All course material was in Canvas and instructors listed out assignments individually
- Conducting HESI exams and students were doing remediation on their own



| AY    | 18/19  | 19/20  | 20/21  | 21/22  | 22/23  |
|-------|--------|--------|--------|--------|--------|
| NCLEX | 91.23% | 75.81% | 71.21% | 64.79% | 93.94% |

Background

First-Time NCLEX Pass Rates

| AY             | 18/19  |     |      |     | 19/20  |    |      |    | 20/21  |     |      |    | 21/22  |     |      |     | 22/23  |     |      |     |
|----------------|--------|-----|------|-----|--------|----|------|----|--------|-----|------|----|--------|-----|------|-----|--------|-----|------|-----|
| NCLEX          | 91.23% |     |      |     | 75.81% |    |      |    | 71.21% |     |      |    | 64.79% |     |      |     | 93.94% |     |      |     |
| Term           | FA18   |     | SP19 |     | FA19   |    | SP20 |    | FA20   |     | SP21 |    | FA21   |     | SP22 |     | FA22   |     | SP23 |     |
| HESI Exit Exam | V1     | V2  | V1   | V2  | V1     | V2 | V1   | V2 | V1     | V2  | V1   | V2 | V1     | V2  | V1   | V2  | V1     | V2  | V1   | V2  |
|                | 847    | 773 | 829  | 761 | 778    | -- | --   | -- | 810    | 856 | 758  | -- | 806    | 826 | 827  | 867 | 629    | 873 | 869  | 927 |

# Background

## Using HESI Data and Remediation

| AY             | 18/19  |     |      |     | 19/20  |    |      |    | 20/21  |     |      |    | 21/22      |     |                |     | 22/23        |     |               |     |
|----------------|--------|-----|------|-----|--------|----|------|----|--------|-----|------|----|------------|-----|----------------|-----|--------------|-----|---------------|-----|
| NCLEX          | 91.23% |     |      |     | 75.81% |    |      |    | 71.21% |     |      |    | 64.79%     |     |                |     | 93.94%       |     |               |     |
| Term           | FA18   |     | SP19 |     | FA19   |    | SP20 |    | FA20   |     | SP21 |    | FA21       |     | SP22           |     | FA22         |     | SP23          |     |
| HESI Exit Exam | V1     | V2  | V1   | V2  | V1     | V2 | V1   | V2 | V1     | V2  | V1   | V2 | V1         | V2  | V1             | V2  | V1           | V2  | V1            | V2  |
|                | 847    | 773 | 829  | 761 | 778    | -- | --   | -- | 810    | 856 | 758  | -- | 806        | 826 | 827            | 867 | 629          | 873 | 869           | 927 |
| Sherpath       |        |     |      |     |        |    |      |    |        |     |      |    | Semester 1 |     | Semester 1 & 2 |     | Semester 1-3 |     | All Semesters |     |

# Background

# Sherpath Implementation

# Virtual Reality: A Layered Approach



High Fidelity

Virtual Reality

Skills Lab

Theory

# Assessment (our favorite things)

- ❖ Accessibility features
- ❖ Translation
- ❖ Audio formats
- ❖ Text-to-Speech option on HESI exams
- ❖ Skills videos
- ❖ Precreated simulations, skills drills (mini scenarios for skills lab) and corresponding student prep work
- ❖ Premapped reading assignments to your textbook
- ❖ Excellent Support

# Recommendation

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Don't reinvent the wheel

Use your resources





# Thank you

***For those who want to move forward with the Elsevier solution, Reach out to your rep for an RFP toolkit:***

Sarah Guthrie [s.guthrie@elsevier.com](mailto:s.guthrie@elsevier.com)

Jon Catino [j.catino@elsevier.com](mailto:j.catino@elsevier.com)

Jill Downey [j.downey@elsevier.com](mailto:j.downey@elsevier.com)

