



# 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



**ASPIRING  
NURSE**  
HESI® A2



## BUILD KNOWLEDGE

**Sherpath®**  
Elsevier Adaptive Quizzing  
eBooks



## APPLY CLINICAL JUDGMENT

**Shadow Health®**  
SimChart®  
Simulation Learning System



## ASSESS & REVIEW

**HESI Specialty Exams**  
**HESI Exit Exam (E2)**  
**HESI® Compass™**  
**HESI Live Review**



**TRANSITION  
TO PRACTICE**

Nclex® and  
Practice  
Readiness



**PROGRAM  
SOLUTIONS**



User Experience



Analytics & Insights



Learning Science



Health

ONE HEALTH 2024

**TOGETHER**  
*We Care*



# 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



ASSESS & REVIEW



TRANSITION  
TO PRACTICE

Nclex® and  
Practice  
Readiness

74% OF  
STUDENTS  
SIGNIFICANTLY  
INCREASED  
THEIR CLINICAL  
JUDGMENT

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



Health

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We Care



# INSIGHTS TO CONNECT & INFORM



ASPIRING  
NURSE  
HESI® A2

BUILD KNOWLEDGE

**SHERPATH**  
PERFORMANCE  
DASHBOARD

Engagement,  
Competency Building

APPLY CLINICAL  
JUDGMENT

**SHADOW HEALTH**  
PRACTICE  
READINESS  
DASHBOARD

Concept Application,  
Practice Readiness

ASSESS & REVIEW

**HESI**  
NCLEX READINESS  
DASHBOARD

NCLEX® Readiness,  
Practice Readiness



TRANSITION  
TO PRACTICE

# INSIGHTS TO CONNECT & INFORM



Health

Access, Analyze, Achieve

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

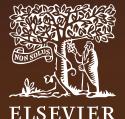
### Program Success Dashboard

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   | Sherpath Performance & Grades Dashboard   | Practice Readiness Dashboard  |
|--|---|---|
| <a href="#">Assess &amp; Review   HESI</a>   | <a href="#">Build Knowledge   Sherpath</a>  | <a href="#">Clinical Judgment   Shadow Health</a>   |
| Gain insights into student preparedness for the NCLEX exam, focusing on critical readiness indicators. | Gain insights into student engagement and the mastery of foundational skills throughout the course. | Gain insights into student development of clinical judgment skills in Shadow Health, preparing them for hands-on clinical experience. |



ELSEVIER

ONE HEALTH 2024

TOGETHER  
We Care

# Program solutions and analytics across the student journey



**ASPIRING  
NURSE**  
**HESI® A2**



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Elsevier Adaptive Quizzing  
eBooks



## APPLY CLINICAL JUDGMENT

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Simulation Learning System



## ASSESS & REVIEW

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**HESI Exit Exam (E2)**  
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**HESI Live Review**



**TRANSITION  
TO PRACTICE**

Nclex® and  
Practice  
Readiness



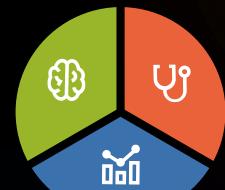
User Experience



Product Analytics



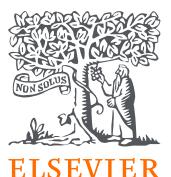
Learning Science



**PROGRAM  
SOLUTIONS**



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

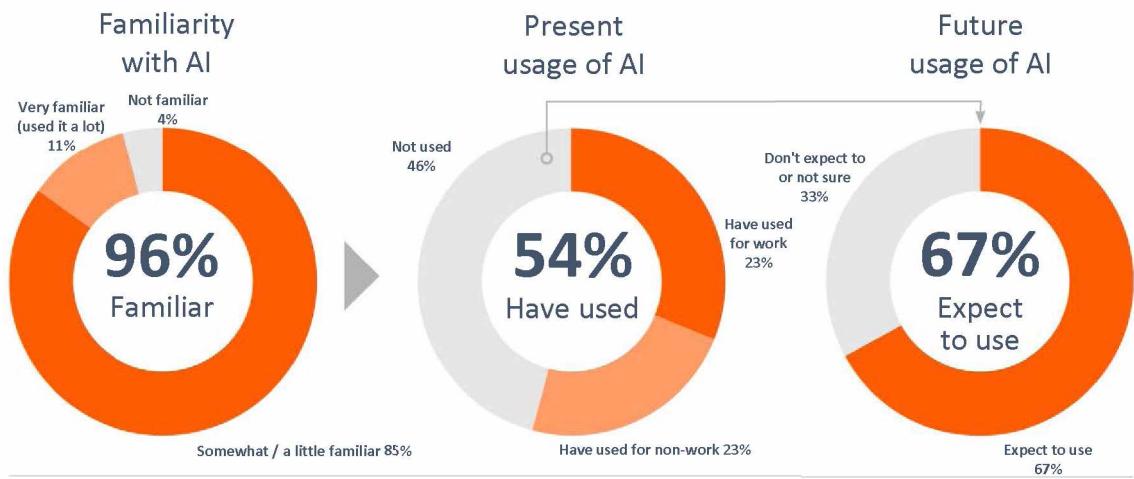


Fig 1. Question: To what extent are you familiar with AI (including GenAI)? n=3,118  
Question: Have you used an AI (including GenAI) product or an AI feature on a product you use regularly? n=2,999  
Question: Do you expect you will choose to use AI (including GenAI) in the near future? n=1,330

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

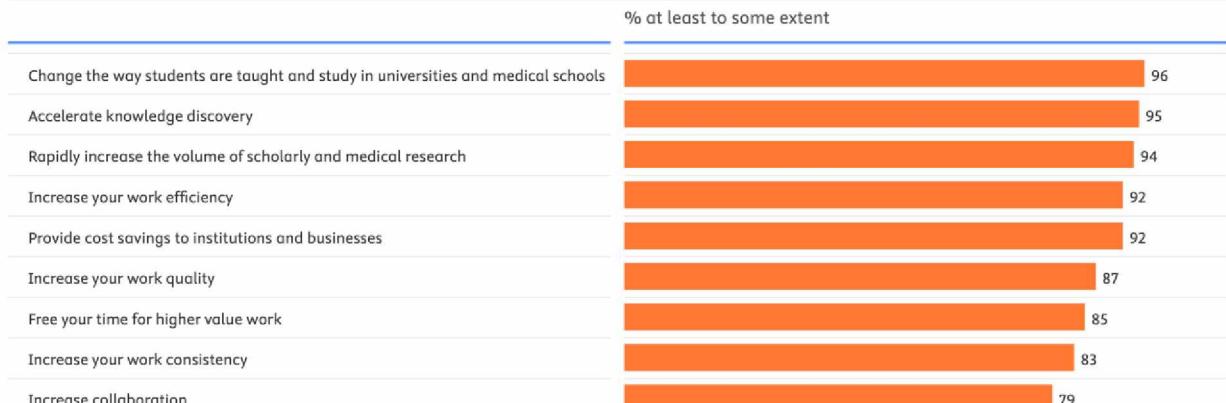


Fig 9. Question: Thinking about the impact AI will have on society and your work, to what extent do you think over the next 2 to 5 years it will...?  
A great extent, some extent, not at all. n=2,887



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

## 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.

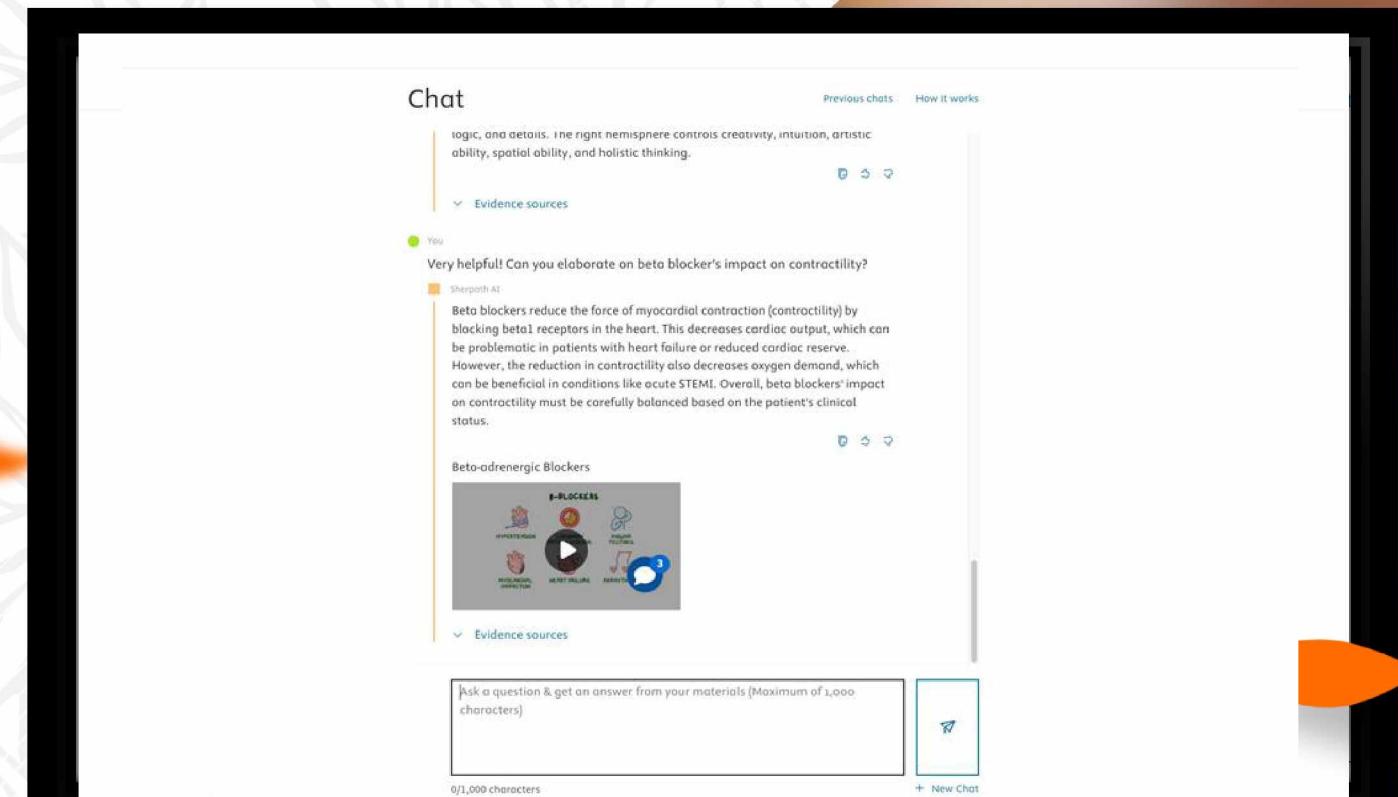
## Interactive Chat Dialogue

Empowering instructors with class preparation and teaching strategies.

## Personalized Answers

Support for course preparation and teaching strategies.

[AI Video](#)



“

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

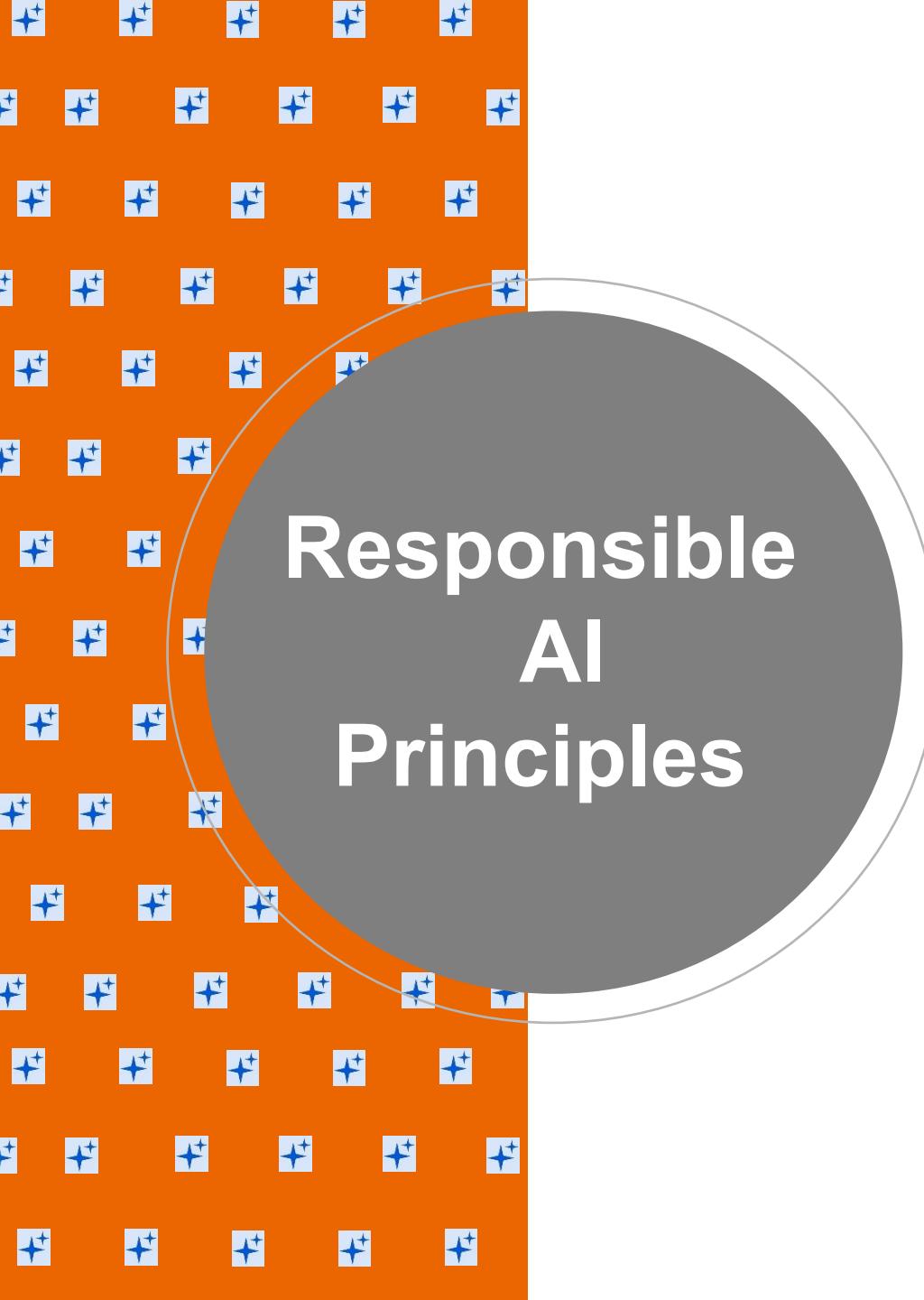
*“This would provide them the  
resource they're already  
seeking and help us know the  
quality is there.”*

*“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 





# Responsible AI in Action: Dimensions of Evaluation



Helpfulness (Overall)

Comprehension

Correctness

Completeness

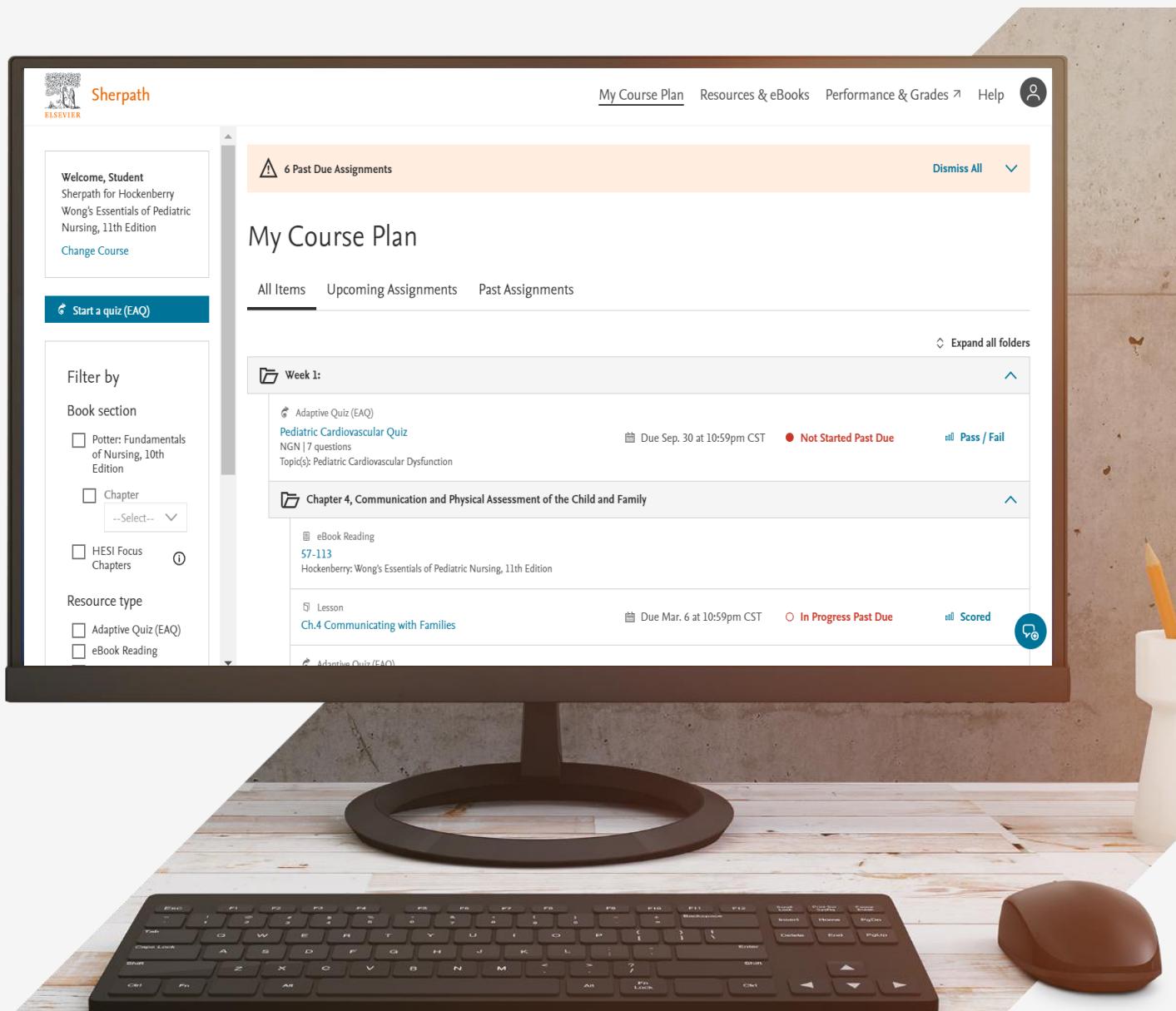
Educational Harmfulness

# 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



The screenshot shows the Sherpath platform interface. At the top, there is a navigation bar with links for 'My Course Plan', 'Resources & eBooks', 'Performance & Grades', 'Help', and a user profile icon. A notification bar indicates '6 Past Due Assignments' with a 'Dismiss All' button. The main area is titled 'My Course Plan' and includes tabs for 'All Items', 'Upcoming Assignments', and 'Past Assignments'. The 'Upcoming Assignments' tab is selected, showing a list of assignments. One assignment is highlighted: 'Pediatric Cardiovascular Quiz' (Due Sep. 30 at 10:59pm CST, Status: Not Started, Past Due, Pass / Fail). Other assignments listed include 'Adaptive Quiz (EAQ)', 'Chapter 4, Communication and Physical Assessment of the Child and Family', 'eBook Reading 57-113', 'Lesson Ch.4 Communicating with Families' (Due Mar. 6 at 10:59pm CST, Status: In Progress, Past Due, Scored), and 'Adaptive Quiz (EAQ)'. On the left, a sidebar shows a 'Welcome, Student' message for 'Sherpath for Hockenberry Wong's Essentials of Pediatric Nursing, 11th Edition' and a 'Start a quiz (EAQ)' button. Below this are 'Filter by' sections for 'Book section' (Potter: Fundamentals of Nursing, 10th Edition, Chapter, HESI Focus Chapters) and 'Resource type' (Adaptive Quiz (EAQ), eBook Reading). The background of the slide features a wooden desk with a keyboard, a mouse, and a pencil.

# Sherpath® for Giddens



The  
Concept-  
Based  
Solution

# Program solutions and analytics across the student journey



**ASPIRING  
NURSE**  
**HESI® A2**



## BUILD KNOWLEDGE

**Sherpath®**  
Elsevier Adaptive Quizzing  
eBooks



## APPLY CLINICAL JUDGMENT

**Shadow Health®**  
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Simulation Learning System



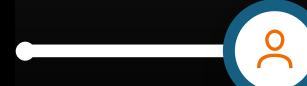
## ASSESS & REVIEW

**HESI Specialty Exams**  
**HESI Exit Exam (E2)**  
**HESI® Compass™**  
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**TRANSITION  
TO PRACTICE**

Nclex® and  
Practice  
Readiness



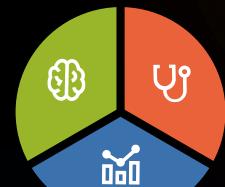
User Experience



Product Analytics



Learning Science



**PROGRAM  
SOLUTIONS**



# 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%**

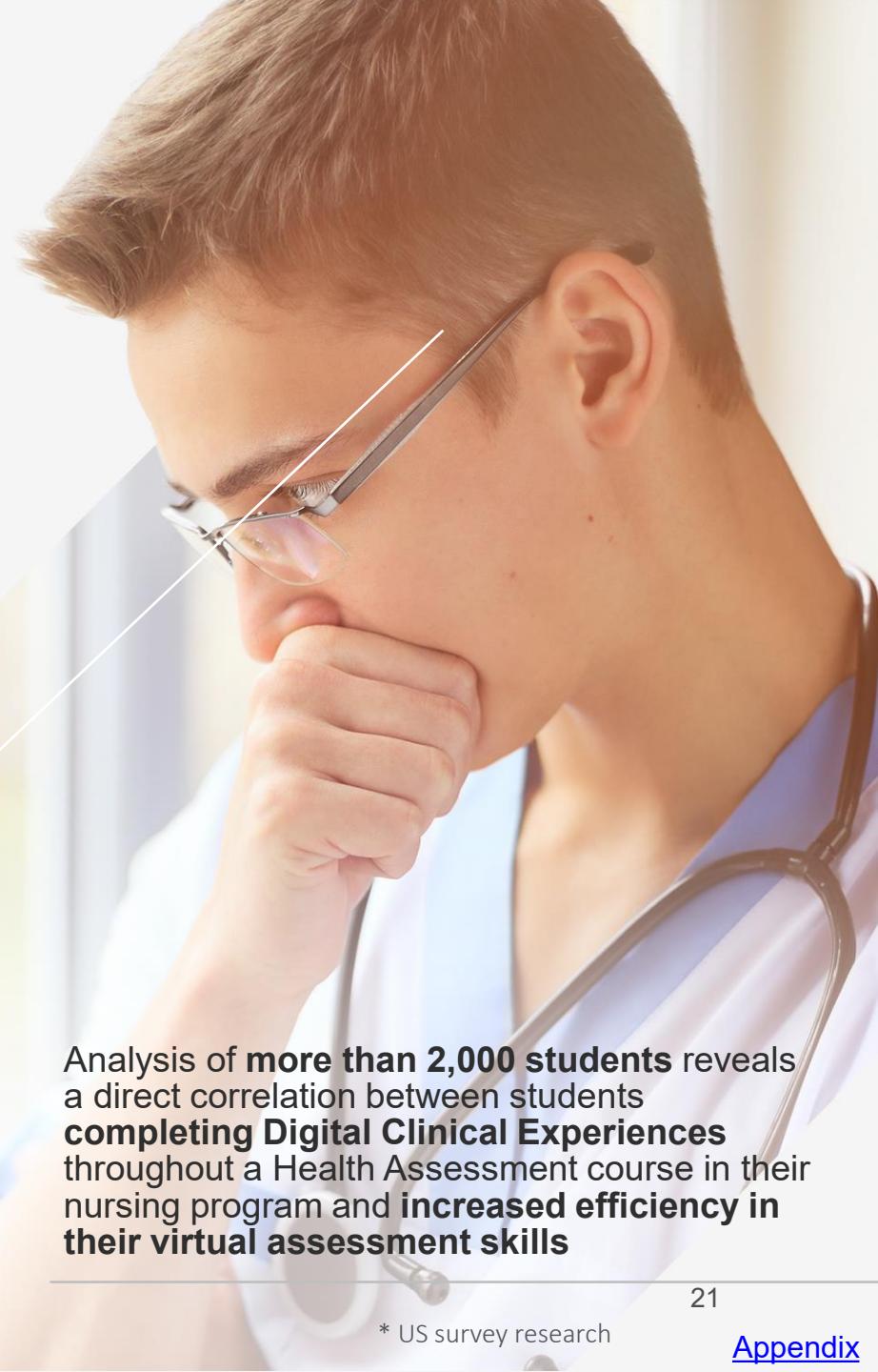
of students showed a  
**decrease in patient  
interaction time**

**68%**

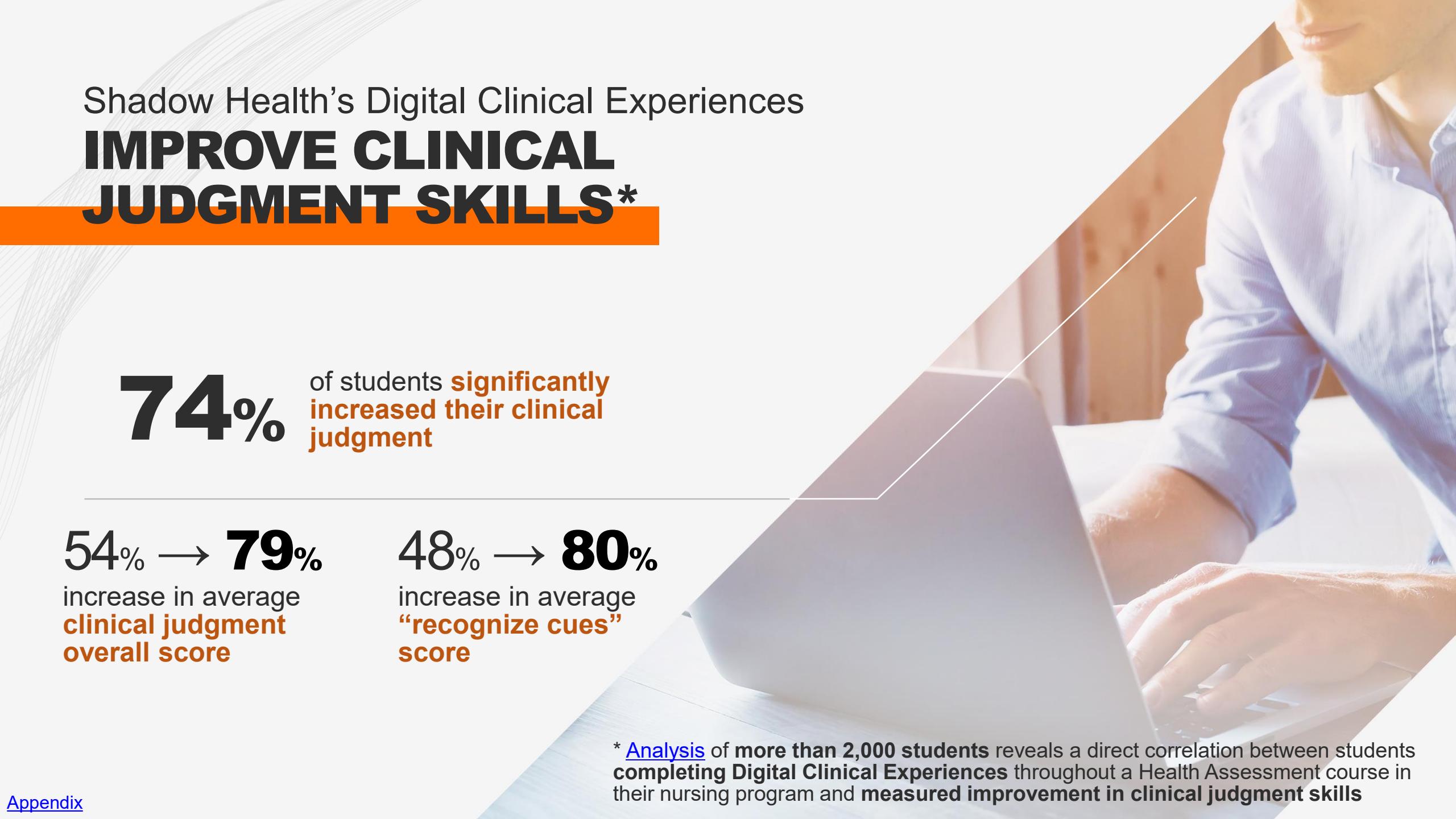
of students showed  
**an increase care  
plan score**

**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**

A blurred background image of a person in a white lab coat, possibly a doctor or nurse, sitting at a desk and working on a laptop computer. The person's face is partially visible on the right side of the frame.

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.

## Focused Exam: Asthma Exacerbation



Gabriel Martinez

AGE: 8

Location: Hospital, ER Triage

- HPI: difficulty breathing
- Calculate PAP score; determine intubation; and perform follow-up assessment.

## Focused Exam: Traumatic Brain Injury



Damien Brooks

AGE: 15

Location: Hospital, ER

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

## Focused Exam: Type 1 Diabetes



Chelsea Warren

AGE: 11

Location: Hospital, ER

- HPI: stabilized after treatment
- Provide diabetic care required for discharge.



Shadow Health®

ELSEVIER

# 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

## 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

## 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

## 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
- Prioritize key conversations re: EoL decisions

## 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

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

# Program solutions and analytics across the student journey



**ASPIRING  
NURSE**  
**HESI® A2**



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Elsevier Adaptive Quizzing  
eBooks



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User Experience



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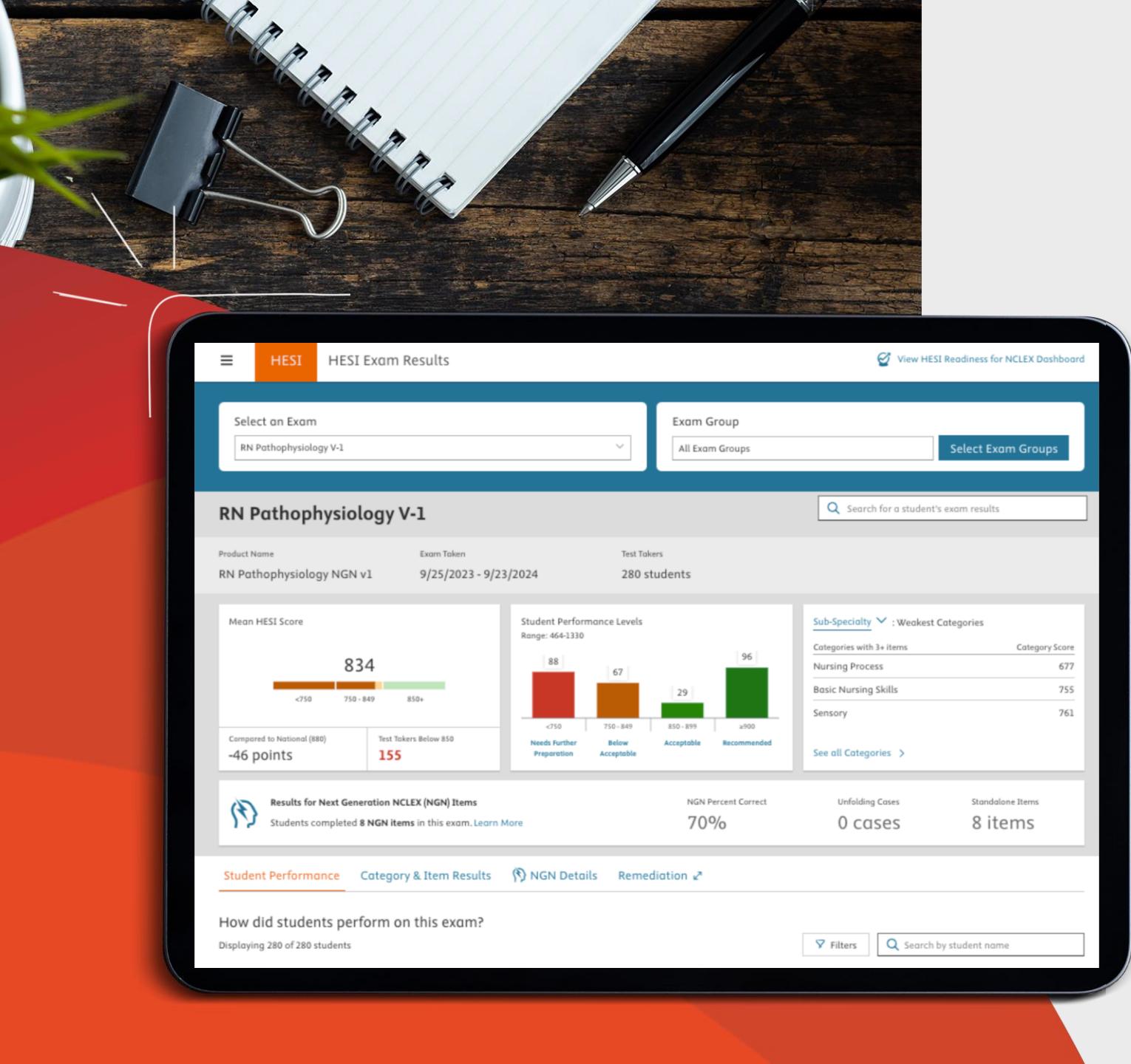


Health

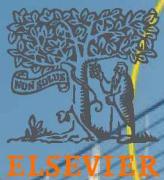
ONE HEALTH 2024

**TOGETHER**  
*We Care*

# 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**

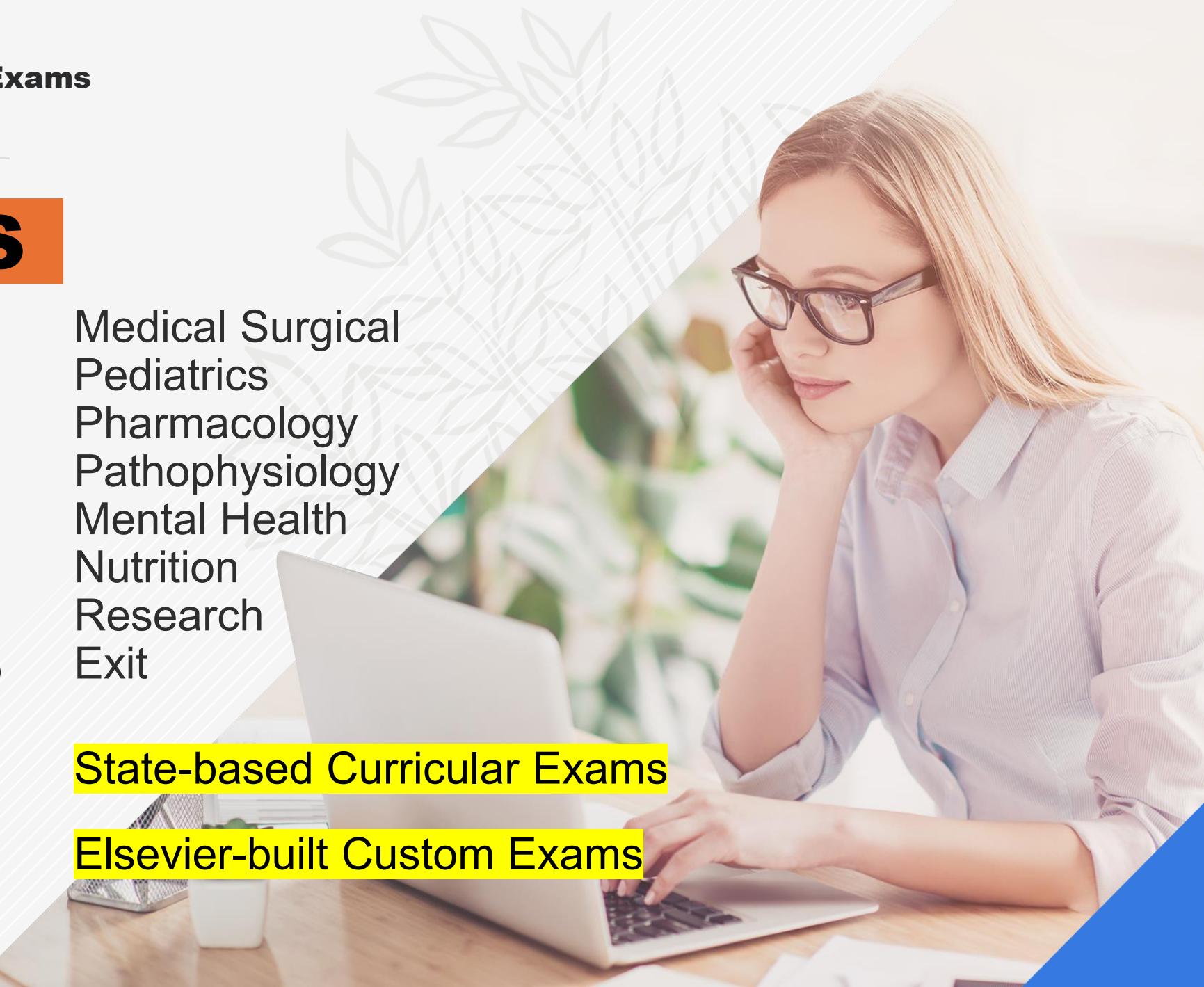
# **HESI EXAMS**

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<br>Acceptable<br>750-849 | Needs Further<br>Improvement<br><750 |
|---------------------|-----------------------|--------------------------------|--------------------------------------|
| 4 readings & videos | 7 readings & videos   | 9 readings & videos            | 12 readings & videos                 |
| 1 case study        | 2 case studies        | 2 case studies                 | 2 case studies                       |
| 5 quiz questions    | 12 quiz questions     | 18 quiz questions              | 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<br>Acceptable<br>750-849    | Needs Further<br>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

 You completed your RN Psychiatric Exam! Your Score: 740

 Well done!

You studied. You practiced. You took the exam.

**Your Score: 740**

So what happens next?

[Next →](#)

 You completed your RN Psychiatric Exam! Your Score: 740

 Your strengths  
Celebrate your achievements on this exam

 Focus topics  
Take a look at what topics we've identified for more review & practice

 Your Personalized Learning Plan  
Review the plan we've created for you

 How it works  
How we'll guide you through this experience

 Get started  
Let's dive in!

These topics you scored well in!

Your points over the national average:

|      |                              |
|------|------------------------------|
| + 16 | Addiction                    |
| + 23 | Mental Status Examination    |
| + 31 | Cognitive Behavioral Therapy |
| + 5  | Crises                       |
| + 48 | Grief                        |

[← Back](#) [Focus Topics →](#)

 You completed your RN Psychiatric Exam! Your Score: 740

 Your Strengths  
Celebrate your achievements on this exam

 Focus topics  
Take a look at what topics we've identified for more review & practice

 Your Personalized Learning Plan  
Review the plan we've created for you

 How it works  
How we'll guide you through this experience

 Get started  
Let's dive in!

Based on your exam results, we have prioritized the following topics that could use more review & practice.

**Focus Topics:**

- Neurocognitive Disorders
- Anxiety & Mood Disorders
- Mental Health Nursing Skills
- Developmental Disorders
- Behavioral Disorders
- Substance Abuse

[← Back](#) [Your personalized plan →](#)

Positive Messaging

Highlight Strengths

Identify Focus Topics

\*user research ongoing

# Personalized Learning Plan

## Study Assignment

RN PSYCH AND MENTAL EXAM

### Personalized Learning Plan

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 & Videos

2/10 completed

Apply: Case Studies

1/3 completed

Assess: Quiz Questions

0% correct

Due 20 May 2024 (in 15 days)

19%

#### 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\*. **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.

1https://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.

## 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**

 [Back](#)

**Clinical Practice Readiness Assessment**

Date Taken      Completed by  
**May 23, 2024**      **7 of 7 students**

**Class Distribution**

| Performance Level | Count |
|-------------------|-------|
| Emerging          | 1     |
| Developing        | 1     |
| Proficient        | 2     |
| Advanced          | 3     |

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             |

**Search by student name**

What are the Readiness Levels?  Emerging  Developing  Proficient  Advanced

| Student Name          | Overall Performance                          |                         | Practice Readiness By Construct <small> ⓘ</small> |               |            |            |                   |  |
|-----------------------|--|-------------------------|---|---------------|------------|------------|-------------------|--|
|                       | Overall Practice Readiness <small> ⓘ</small> | 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

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

**Average Digital Clinical Experience Score** 79.15%

**Distribution of Student Overall Scores**

| Score Range | Number of Students |
|-------------|--------------------|
| Below 54%   | 5                  |
| 55-64%      | 10                 |
| 65-74%      | 45                 |
| 75-84%      | 2                  |
| Above 85%   | 2                  |

**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         |

[View Gradebook](#)

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

**18 of 21 students** Disengaged Students

200 questions Completed Self-Study EAQ

**Average Digital Clinical Experience Score** 84.6%

**Distribution of Student Overall Scores**

| Score Range | Number of Students |
|-------------|--------------------|
| Below 50%   | 4 students         |
| 50-69%      | 2 students         |
| 70-89%      | 11 students        |
| 90% & Above | 20 students        |

**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         |

[View Gradebook](#)

[Psychiatric and Mental Health Nursing - Holter >](#)

## SHADOW HEALTH

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 3 of 3 Shadow Health Courses

Sort by Course Name (A to Z) Search by course name

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

**Average Digital Clinical Experience Score** 79.15%

**Distribution of Student's DCE Scores Across 12 assignments**

| Score Range | Number of Students |
|-------------|--------------------|
| Below 50%   | 2 students         |
| 50-69%      | 4 students         |
| 70-89%      | 22 students        |
| 90% & Above | 142 students       |

**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**

| Score Range | Number of Students |
|-------------|--------------------|
| Below 50%   | 4 students         |
| 50-69%      | 2 students         |
| 70-89%      | 11 students        |
| 90% & Above | 20 students        |

**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**

| Score Range | Number of Students |
|-------------|--------------------|
| Below 50%   | 20 students        |
| 50-69%      | 54 students        |
| 70-89%      | 264 students       |
| 90% & Above | 850 students       |

**Average Patient Interaction Time** 95 mins

## 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 10 of 10 active cohorts

Sort by Graduation Date Filter Search by cohort name

[Fall 23 Traditional ADN >](#)

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

**Likely HESI Exit Score** 849

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

**Exit Exams Taken** 5 **Specialty Exams Taken** # of Students below 850

**2 of 120**

[Winter 23 Traditional ADN >](#)

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

**Likely HESI Exit Score** 657

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

**Exit Exams Taken** 5 **Specialty Exams Taken** # of Students below 850

**51 of 120**

[Spring 24 Traditional BSN >](#)

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

**Likely HESI Exit Score** 745

**Likely NCLEX Pass Rate** 84% **Compared to National** -91 points

**Exit Exams Taken** 5 **Specialty Exams Taken** # of Students below 850

**35 of 80**



## Welcome to the Program Success Dashboard!

Your Playbook for Championing Program and Student Success

## Student Level

Take a Tour

## SHERPATH

Program Success Dashboard

Projected Graduation Date: December 2024

Student Details for Bennie Factor

Likely HESI Exit Score: 892

Likelihood of Passing NCLEX: 95%

31 of 115 assignments

3 of 6 assignments

Exams Under 850: 4 of 8 exams

Total NGN Items Answered: 44 items

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)

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

Assignment Completed Status: 48 completed, 7 post due, 0 in progress, 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 post due, 0 in progress, 1 not started

Average Score of Assignments: 100%

Assignments below Class Average: 8 of 17 assignments

## SHADOW HEALTH

Program Success Dashboard

Projected Graduation Date: December 2024

Student Details for Bennie Factor

Likely HESI Exit Score: 892

Likelihood of Passing NCLEX: 95%

31 of 115 assignments

3 of 6 assignments

Exams Under 850: 4 of 8 exams

Total NGN Items Answered: 44 items

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% | 2 of 3 assignments | 6 minutes

Summer 2024 - LPN - ShadowHealth for Medical Surgical Clinical Experiences

78.6% | 1 of 3 assignments | 9 minutes

## HESI

Program Success Dashboard

Projected Graduation Date: December 2024

Student Details for Bennie Factor

Likely HESI Exit Score: 892

Likelihood of Passing NCLEX: 95%

31 of 115 assignments

3 of 6 assignments

Exams Under 850: 4 of 8 exams

Total NGN Items Answered: 44 items

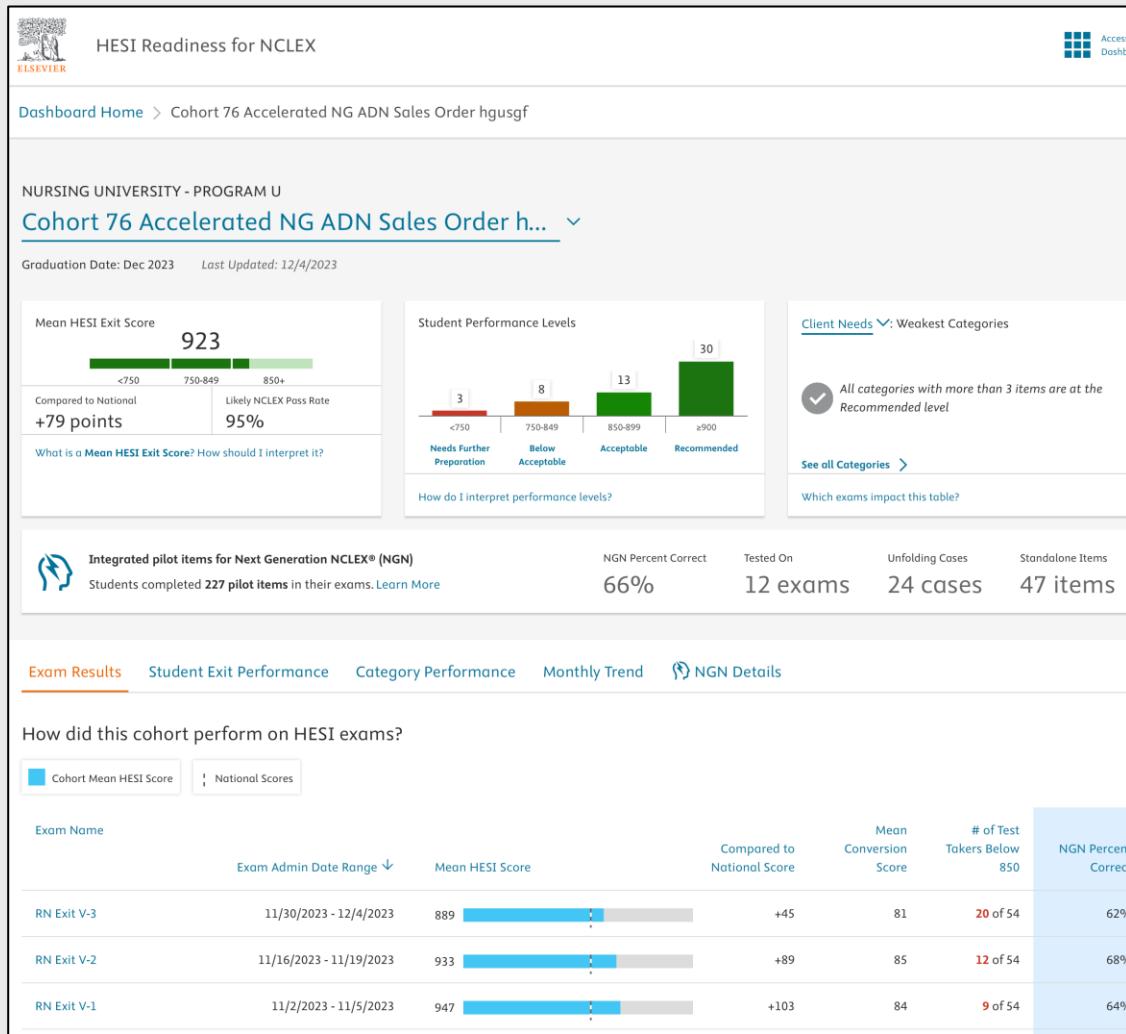
Category Performance Coming Soon!

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?

| Exam Name              | Date Taken | Student HESI Score | Cohort Mean HESI Score | National Score | Performance Level | Compared to National |
|------------------------|------------|--------------------|------------------------|----------------|-------------------|----------------------|
| RN Management V-1      | 7/17/2024  | 799                | 810                    | 820            | Below Acceptable  | -32                  |
| RN Pathophysiology V-1 | 6/19/2024  | 871                | 880                    | 890            | Acceptable        | -9                   |
| RN Med Surg V-2        | 5/29/2024  | 754                | 760                    | 770            | Below Acceptable  | -82                  |
| RN Med Surg V-1        | 4/24/2024  | 829                | 830                    | 840            | Below Acceptable  | -7                   |
| RN Community V-1       | 4/21/2024  | 983                | 985                    | 988            | 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

 HESI Readiness for NCLEX

HESI Student Name

Mean HESI Exit Score  
811  
Below Acceptable

# of Exams Above 850  
5 of 12 exams

Likelihood of Passing NCLEX  
91%

Sub-Specialty: Weakest Categories

| Categories with 3+ items | Mean Category Score |
|--------------------------|---------------------|
| Cultural/Spiritual       | 410                 |
| Oncology                 | 612                 |
| Documentation            | 626                 |

By Exam   By Category   By Month

Exam Performance History

Your HESI Score   Cohort Mean HESI Score   National Score

| Exam Name     | Exam Taken | Your HESI Exam Score | Performance Level | Compared to National |
|---------------|------------|----------------------|-------------------|----------------------|
| RN Exit V-2_D | 5/12/2022  | 831                  | Below Acceptable  | -14                  |
| SP MS V-2_D   | 5/6/2022   | 856                  | Acceptable        | +11                  |
| RN Exit V-1_D | 5/5/2022   | 791                  | Below Acceptable  | -54                  |
| SP Pharm_D    | 5/3/2022   | 981                  | Recommended       | +141                 |
| SP MS_D       | 5/3/2022   | 836                  | Below Acceptable  | -9                   |

Students will also receive their own NCLEX Readiness Dashboard

The Dashboard uses Specialty Exam performance to generate the Expected Exit Exam Score-leveraging all the research to determine expected performance



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 curricula
- 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](#)

# Professional Development from Expert Nurse Educators



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
- » Bolstering product confidence through live trainings with the Elsevier implementation team
- » Developing expertise with expanded best practices and strategy reviews to support program success
- » Shaping product development through dedicated meeting time with the Elsevier product development team

- 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

## (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 NCSEB'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

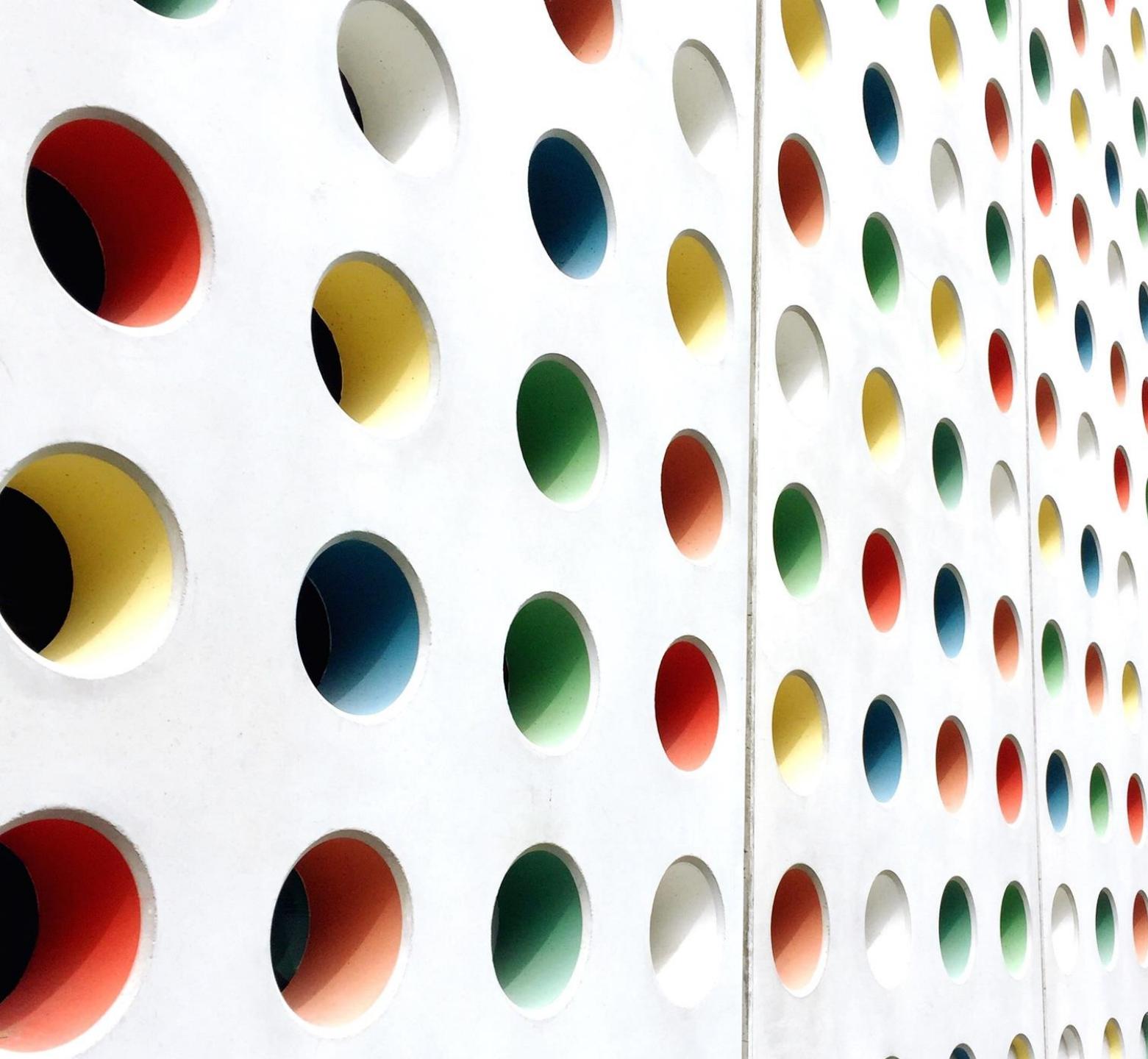
# Customer Testimonial – Cabrillo College Nursing Program



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

How We're Currently Using Elsevier Products



Elsevier 360

Textbooks

HESI  
exams

Shadow  
Health

Case  
Studies

Osmosis  
Videos

HF  
Simulation  
Scenarios

HESI  
Compass

And more!



Simulation Learning System with Virtual Reality

Layering computer-based simulations with VR,  
and then High-Fidelity

Able to align VR sim cases with HF cases

# Background

---

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 |

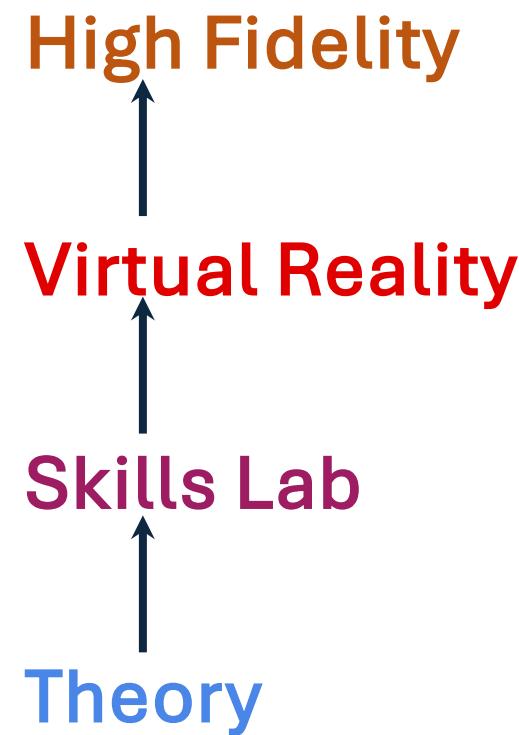
Background

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



# 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





ELSEVIER

# 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)

