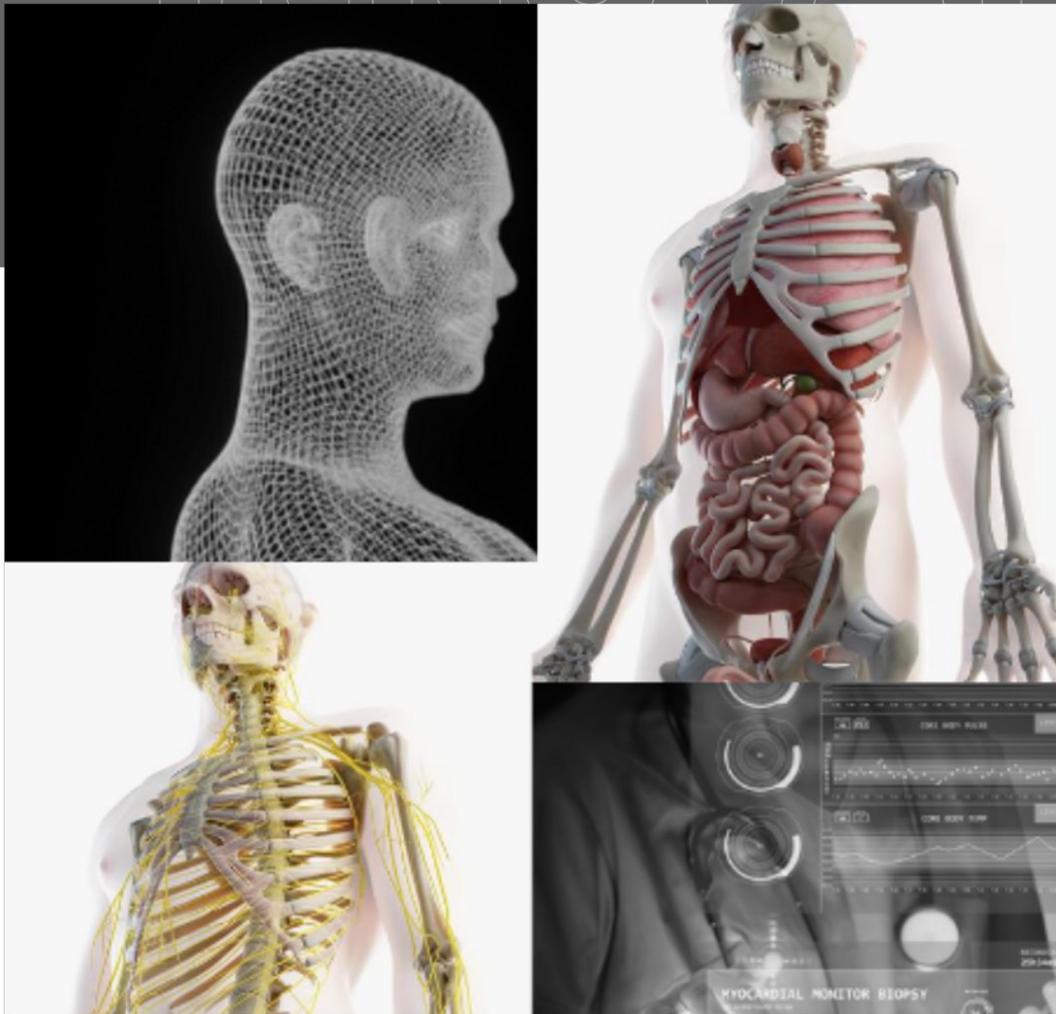


GROUNDBREAKING



Illuminating Healthcare Education

INNOVATIVE



IMMERSIVE

# About Lumis

After recognizing the devastating impact of medical errors on individuals, families, and institutions, the leadership at Lumis realized the need for more uniform training techniques as a solution to significantly eliminate many of these errors. Lumis Corporation was founded in 2017 to address this critical mission.

Built on years of R&D conducted at the University of Pittsburgh, a leading center for healthcare innovation, Lumis aims to disrupt traditional clinical and healthcare training by making it more immersive, accessible, and efficient.

Our team brings decades of experience in business, healthcare innovation, engineering, and clinical education to the company resulting in a customer-driven, groundbreaking solution. Our scientific advisory board members are distinguished figures in healthcare training and simulation education.

Together, we are driven by the desire to offer better solutions for training healthcare professionals.



# The Market's **First & Only** Hands-free AR Projection System

Our state of the art technology can:

VISIONARY



**Expand** on existing infrastructure while offering continued ROI



**Scale** as requirements, budgets, and programs expand



**Customize** to fit the curricular needs of your program



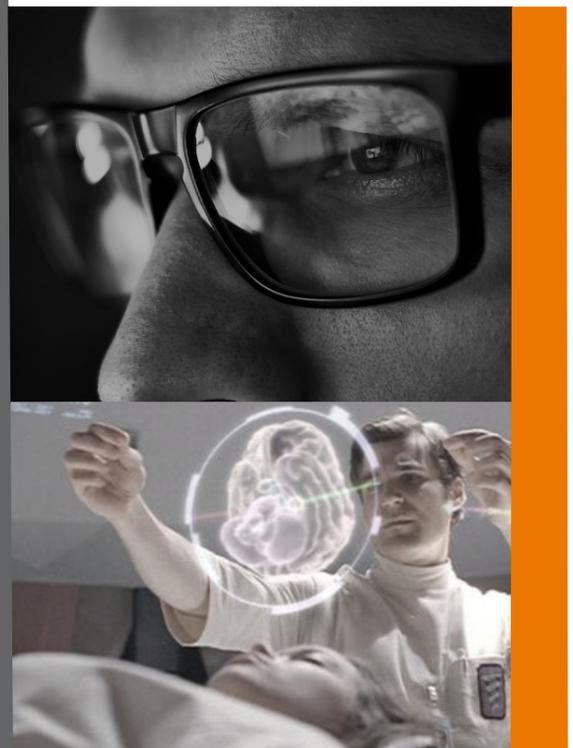
**Immerse** trainees into the learning environment and provide objective measurements



**Extend** training by being available anytime, anywhere



**Enhance** team-based learning



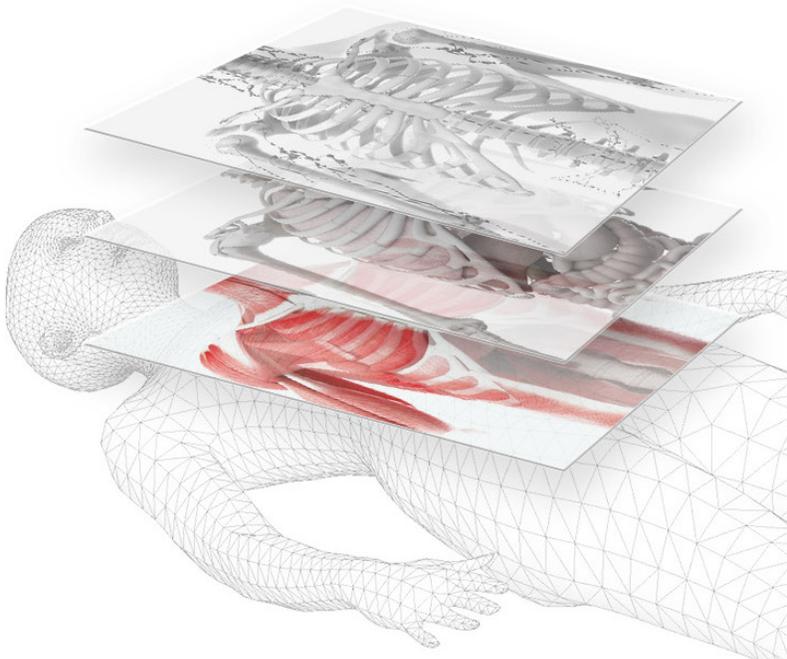
AUGMENT



# The InSight Platform

*Our portable AR projection system combined with a comprehensive cloud-based software suite and custom peripherals result in our solution - **The InSight Platform**.*

**The Hands-free AR Projection System** merges the physical environment with a digital simulation to breathe new life into medical training by providing a tactile and highly immersive experience. The combination of advanced visualization and tactile manipulation enables trainees to quickly connect concept to practice and develop critical decision making skills.



## Smart Peripherals

Our sensor-based Smart Peripherals allow measurement of actions while providing real-time actionable feedback to refine fundamental clinical concepts.



### Smart IV Sleeve

Enables administration of simulated drugs to better understand dosing practices and observe normal and abnormal physiological effects on anatomy



### Smart Stethoscope

Enables patient assessment and monitoring



### Smart Pen

Enables virtual dissection and anatomy exploration



### Smart Skin

Enables haptic feedback and richer tactile manipulation for specific procedures

# INTERACTIVE

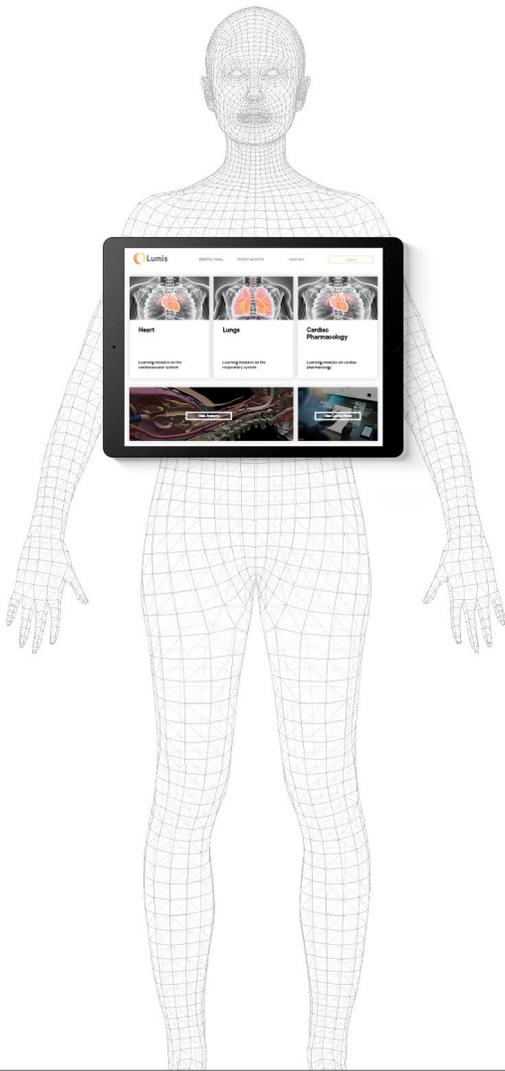
## Just Released

Our new *advanced camera system* has the ability to track external devices and re-calibrate to fit the manikin.



# Cloud-Based Software Suite

With content developed and validated by subject matter experts, our software is tailored towards classroom or remote instruction and promotes self-learning.



**Easily track student progress** with built-in data analytics, customizable proficiency metrics, and utilization reports.



**Reinforce learning and measure comprehension** with additional module-specific quizzes and real-time feedback.



**24/7 access to learning modules** allows trainees to master topics anytime, anywhere.

**The InSight Platform is completely customizable to suit your program's needs!**

Our team of expert software developers and SMEs will work with you to *bring your ideas to life.*

- Develop a customized curriculum catered towards your training programs.
- Create engaging case-based workflows and in-depth training scenarios with simulated complications.
- Design custom Smart Peripherals that are specific to your procedural workflows.
- Personalize the system with your own branding.
- Integrate with AR/VR headsets if your program already uses them.
- Customize the configuration of the AR system to fit into your training space.
- And more...

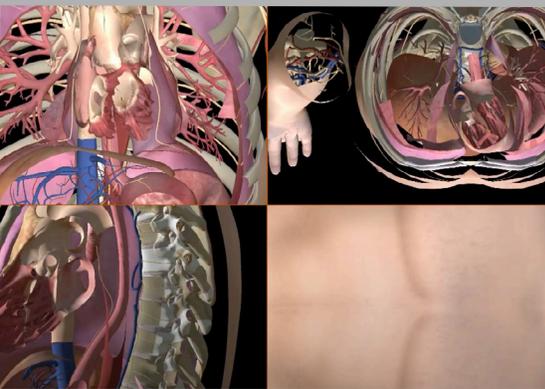
## Just Released

Take control of your learning and customize modules to fit the needs of your curriculum with our *Course Authoring Toolkit.*



## Hands-free AR

Allows for full immersion while leaving your hands free for tactile interaction with the manikin without the restriction of a headset.

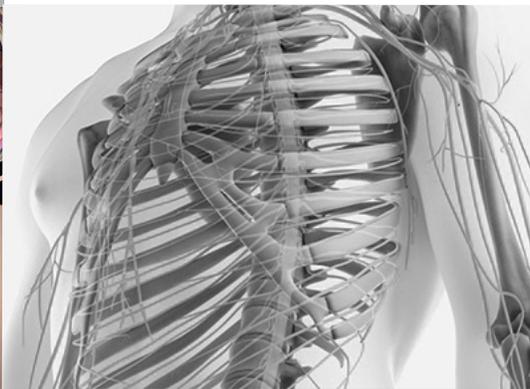


## Look Under the Surface

X-ray vision helps you to look under the surface and dig deeper to identify critical structures and spatial relationships between them.

## Head to Toe 3D Anatomical Models

Allows for rapid expansion across clinical application areas.

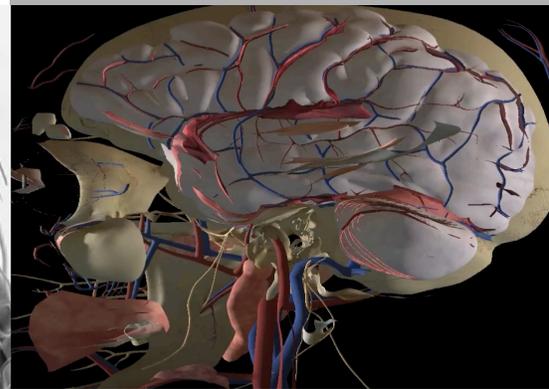


## Customizable Demographic Attributes

Enables the instructor to create variability in patient scenarios creating a realistic learning environment that helps develop clinical judgement skills.

## Advanced Visualization

Advanced visualization and 360° views of the anatomy at an organ level enable trainees to see anatomical structures that are not readily apparent to the naked eye ensuring increased comprehension.



## Enhance Team-Based Training

Permits the nuanced, non-verbal communication critical to team-based training that is often lost when headsets are worn.



# Pricing Structure

Designed to make our solution affordable to small programs as well as large multi-hospital, multi-specialty health systems. Lease-to-own pricing options make it easier for programs to assess value and utilization before finalizing the purchase.

	Purchase	Lease-To-Own	Expansion Options
<b>Hands-free AR System</b>	One-time fee	Low monthly rate	Additional units / Discounts available for multi-system orders
<b>Smart Peripherals</b>	One set included	One set included	Additional units priced per peripheral
<b>Starter Simulated Drug Package</b>	1 pack (50, 10ml pre-filled vials) included	1 pack (50, 10ml pre-filled vials) included	Refills available in bulk (10, 1/4 liter containers)
<b>Cloud-Based Software</b>	Annual License with tiered user seats, updates and support	Annual License with tiered user seats, updates and support	Additional user seats can be added at anytime
<b>Customization</b>	Priced based on scope and complexity	Priced based on scope and complexity	Fully customizable platform priced upon request

[Contact Us](#) to learn more and find the right option for your program.



# Our Customers



641

trainees currently  
using the InSight  
Platform

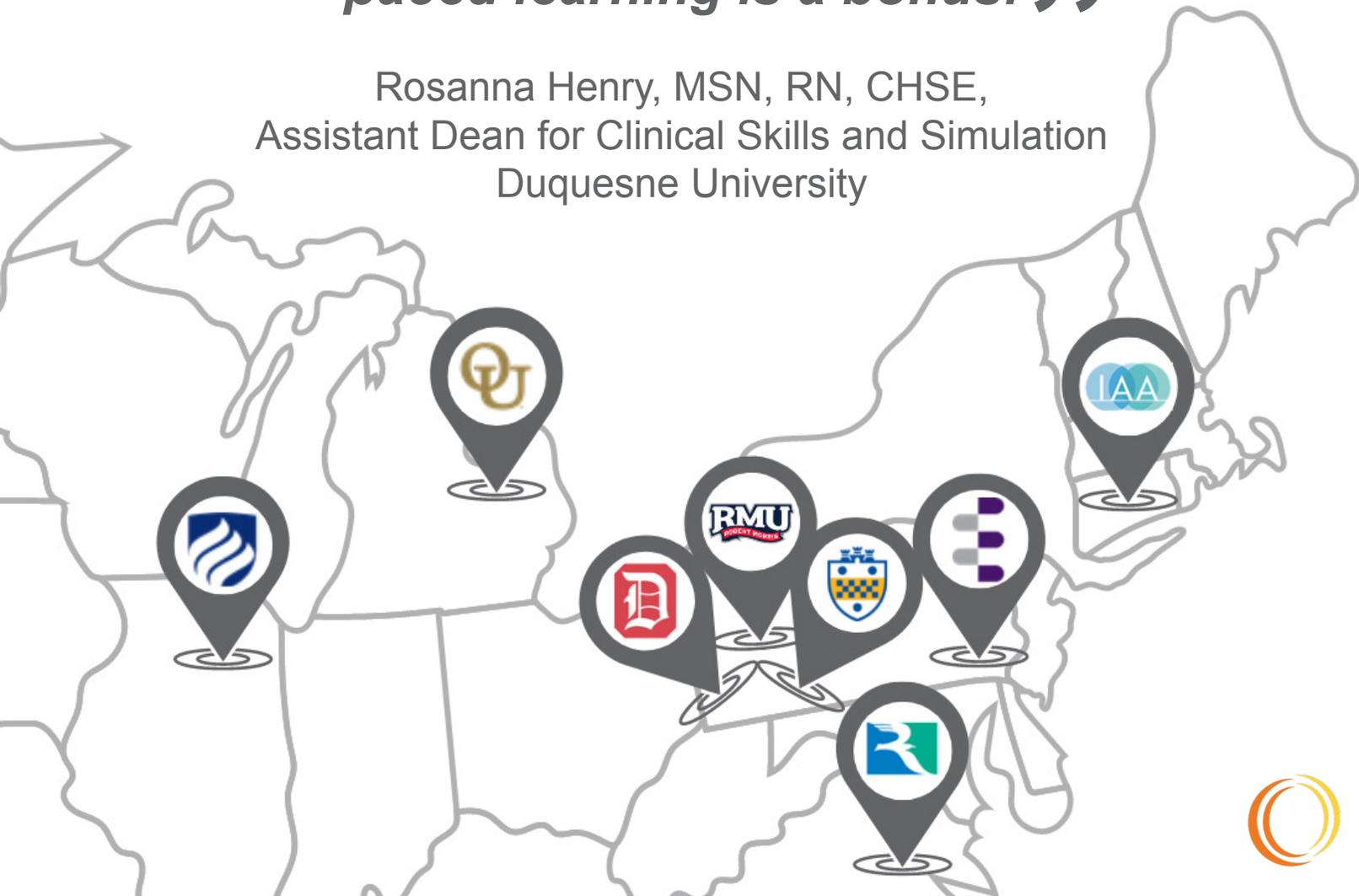


700

mile national footprint  
across the Northeast  
region

**“ I think that the Lumis augmented reality platform offers so much more than traditional high-fidelity simulators. The self-paced learning is a bonus! ”**

Rosanna Henry, MSN, RN, CHSE,  
Assistant Dean for Clinical Skills and Simulation  
Duquesne University



# What Are Our Customers Saying About Us?

“

“**Engaging**, intuitive piece of technology”

“**Meaningful** learning”

“Able to teach **critical thinking** and decision making”

“**Future** of teaching”

“Increase learning of **complex concepts**”

“Offers **so much more**”

“Students will appreciate this type of **learning**”

”



## Contact Us

