

# Southeast Minnesota

# COMMUNITY HEALTHCARE SIMULATION CENTER

Enhancing SE MN healthcare workforce by providing access to relevant, effective, and flexible simulation technology.





## WHY A COMMUNITY HEALTHCARE SIMULATION CENTER?

- Minnesota needs 50K more healthcare professionals (CNA, LPN, RN) by 2030.
- The availability of clinical sites for nursing students has been reduced due to staffing shortages.
- 20% of Nurses (RN & LPN) are over 65 years of age.
- Approximately 1,250 students would benefit from increased access to the simulation-based education experience.
- Over 18,000 direct patient care workforce openings in the SE MN area.



## PROJECT GOALS

The Center will be a state-of-the-art regional resource and will allow the SE MN healthcare education community to:

-  Create interdisciplinary, scenario-based training and realism in problem-based instruction.
-  Enable educators to tailor training to individual educational levels in a safe learning environment.
-  Serve as a testing ground for quality improvement and innovation.
-  Produce standardized training and consistency in healthcare practices which will contribute to improved patient safety outcomes.

## CURRENT STATUS

The SE MN Community Healthcare Simulation is presently utilizing the 2023-2024 Direct Appropriation funds to develop and implement a small, operational prototype. By December 31, 2024, our goal is to have a minimum of 100 students and healthcare professionals complete various problem-based scenarios. Participants will come from our partner organizations - both higher education and medical institutions. With additional funding, we aim to increase participation.

## REAL OUTCOMES & ROI

Employers will gain several benefits from having additional learners trained:

1. **Enhanced Preparedness:** Students will be better prepared for their clinical rotations, resulting in a smoother transition into hands-on healthcare settings.
2. **Improved Clinical Experiences:** This training will assist students in being more prepared for clinicals, fostering a positive and less stressful experience for both students and preceptors.
3. **Recertification Opportunities:** Current healthcare staff will have the chance to pursue recertification through participating in these training sessions, ensuring their skills are up-to-date.
4. **Expanded Learning Opportunities:** The simulation scenarios will not only benefit healthcare professionals but also offer valuable practice for other professionals such as food service and custodial employees, enabling them to refine their patient interaction skills in a controlled environment.

## FOUR PHASES



**Needs Analysis.** Focus group interviews and surveys to regional educators and simulation professionals produced data needed to understand current state of training programs and gaps in current facilitations.



**Business & Governance Plan.** Such plans are paramount in securing funding and gaining partner buy-in and interest in the Center.

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**Seeking and securing funds.** Being a community center, no single institution is funding the initiative. Government sources such as grants, benefaction, and fees collected from institutional users will be essential to the launch and sustainability of the Center.

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**Entails the design, build, and implementation of the Center.** The development of a healthcare simulation center will help augment healthcare education and training in the community. This phase commences with the deployment of a small, operational prototype.

## SIMULATION CENTER BOARD MEMBERS REPRESENT

Olmsted Medical Center  
Mayo Clinic  
Rochester Community and Technical College  
Winona State University  
University of Minnesota

University of Minnesota-Rochester  
Destination Medical Center (DMC)  
HGA Architects  
Greater Rochester Advocates for  
Universities and Colleges (GRAUC)

## FINANCIAL CONSIDERATIONS FOR PERMANENT CENTER

Pre-design and programming	\$75,000
Construction cost estimation	\$7,000,000 (\$350/sf)
Technology, equipment, furniture	\$3,000,000
First-year start-up costs (permanent center)	\$1,500,000
Indirect and misc costs	\$500,000
<b>Total:</b>	<b>\$12,075,000 - \$13,075,00*</b>

\*Upper end of range assumes 5% inflation for 3 years.

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