UTHSC

CENTER FOR HEALTHCARE IMPROVEMENT AND PATIENT SIMULATION

Strategic Plan
2023-2028

Our Mission

The Center for Healthcare Improvement and Patient Simulation (CHIPS) is dedicated to improving the quality of healthcare delivery through education, research, assessment, and enhanced clinical skills with standardized/simulated patients (individuals trained to portray patients), high-fidelity patient simulators (manikins), and virtual reality settings.

Our Vision for the 2023-2028 planning cycle

The Center for Healthcare Improvement and Patient Simulation endeavors to advance healthcare through patient simulation as an international center of excellence for healthcare simulation. CHIPS is centered on the values of psychological safety, transparency, and servant leadership.

Priorities

The top five priorities for the 2023–2028 planning cycle, guided by university goals and initiatives:

1. Develop a multi-tiered organizational structure of leadership and provide oversight and guidance for CHIPS. (UT 2.2.2)

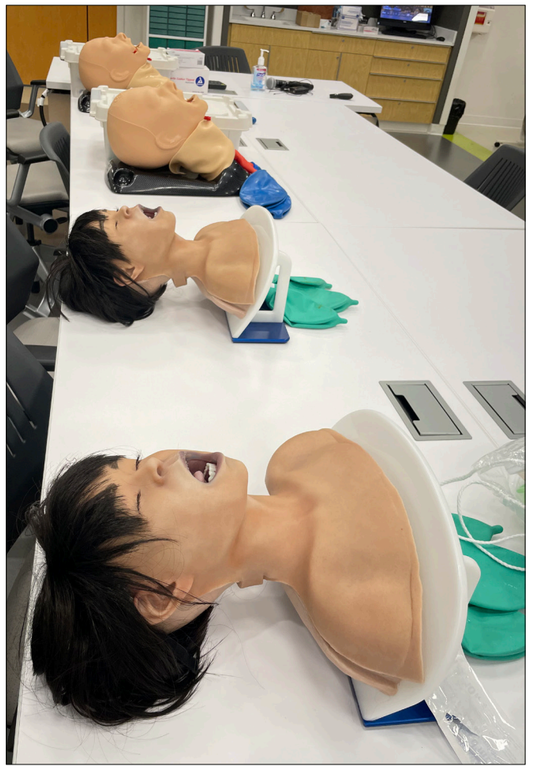
KPI:

a. Develop a Senior Executive Leadership Steering Committee chartered to focus on program oversight, strategic planning and expansion of simulation services for UT Health Science Center healthcare providers statewide.

b. Develop an Advisory group with institutional college and IPE representation created with the following collaborative initiatives:

1. Strategic Alignment of CHIPS and college-specific goals

2. Serve as a liaison from their respective college on campus to



advise on anticipated changes, needs and direction that will impact center operations, budget and space demands.

3. Input on metrics and quality management

c. Develop Sim Champions made up of faculty, staff, and student representation for driving simulation with the following collaborative initiatives:

1. Support and develop new curriculum with focus on IPE and accreditation standards
2. Recommend technology/simulation equipment needs
3. Serve as a liaison to college as simulation faculty with best practice standards
4. Participate in simulation research and presentations at the national/international level

2. Develop a 5-year business plan for operational growth and capital forecasting needs. (UT 2.2.2)

KPI:

a. Plan for AV refresh amortized over the next 3-5 years with ROI completed

1. Conduct a thorough review of available options on the market
2. Partner with ITS Leadership to develop timeline of technical upgrades

b. Evaluation of current operational investments in simulation technology

1. Assess the balance of current warranties, future purchases, or lease options
2. Develop a structured plan for refresh of equipment

c. GME funding plan developed and presented

1. Establish key stakeholders for current program offerings
2. Develop a recharge structure for current program offerings like ATLS, FLS, FES, ACLS, BLS, PALS, etc.
3. Establish communication channels with local hospital leaders, through the guidance of Vice Chancellor for Strategic Partnerships, to plan for future GME offerings

3. Coordinate with the Center for Interprofessional Education to develop sustainable innovative simulation-based programing within CHIPS. (UT 2.2.1)

KPI:

a. CHIPS will hold representation on UT Health Science Center IPE committee and Center for IPE

b. CHIPS will identify future curricular alignment of two main programs: nursing icu/code blue sim/prep for clerkship etc

c. CHIPS will develop an IPE simulation roadmap in alignment with the academic calendar to prioritize interprofessional training events

d. CHIPS will encourage and facilitate the development of pilot projects between multiple programs each year

e. CHIPS will increase IPE simulation offerings by one event each year, starting in year 2.

4. CHIPS will create platforms for collaboration and innovation in the simulation space through meetings, virtual learning and workshops on simulation curriculum development and assessment. (UT 2.2.4)

KPI:

a. Provide professional development offerings with training programs and workshops specific to help simulation educators to enhance their skills in experiential learning and educational research with simulation.

1. CHIPS will increase the number of faculty/staff completing simulation medallion and modules
2. CHIPS staff present biannually with the TLC on Simulation specific innovation topics
3. CHIPS link outs are added to TLC webpage for experiential learning
4. CHIPS educational staff dyad with TLC instructional designers once a quarter for faculty consultations

b. Operationalize innovation grants obtained by simulation facilitators to explore and research simulation approaches in teaching, assessment, curriculum, and instructional design.

5. Create consistent strategies and frameworks for the development of UT Health Science Center faculty as simulation educators and assessors. (UT 2.3.3.)

KPI:

a. CHIPS will work toward and attain SSH Accreditation in Assessment as part of the 2026 reaccreditation cycle.

b. CHIPS will collaborate with the assessment team in each college at biannual meetings

c. CHIPS will ensure 100% of faculty participating in simulation activities complete the simulation professional development modules

d. CHIPS will ensure simulation education framework is embedded in colleges to provide ease of access and encourage independent professional development in simulation. One lecture annually from CHIPS into colleges

e. CHIPS will actively encourage a culture of simulation-based education by increasing the number of people completing the Simulation Medallion by 2 faculty each year.

f. CHIPS will develop debriefing training (virtual modules and/or in person workshops) by the end of year 2025

g. CHIPS will improve its process of faculty assessment of teaching by implementing a sustainable feedback process using a formal tool such as DASH.