Programs

Education

The THSSC collaborates with faculty, representatives from the community, and clinical experts to ensure that the simulation programs are designed to prepare the future healthcare workforce with the skills required to meet the ever changing needs of the 21st century.

The THSSC is designed as a safe, realistic healthcare delivery environment where students practice critical thinking, clinical judgment and technical skills. Simulation learning is spiraled through the curricula and scenarios progress from basic to complex according to the level of the learner. Simulation sessions are an integral part of the curriculum for undergraduate and graduate nursing programs—bridging the gap between academe and clinical practice. Modalities include mid and high fidelity manikins. Simulated patients (actors) are utilized for psychiatric and highly emotional simulated sessions to maintain realism and learner engagement. Patient safety, family/patient centered care, teamwork, communication, and critical thinking are themes woven into each simulation session.

Preceptor Training

Preceptor training is designed for clinicians in health care settings to develop and/or enhance their preceptor skills in the education of APRNs. Topics include roles and responsibility of preceptors; integrating student supervision into the workflow of a busy practice; coaching skills for goal setting and providing feedback to students; and interprofessional collaborative practice.
Interprofessional Education (IPE)

In 2014, the Deans and Directors of the University of Hawaii Council of Health Sciences (CHS) established the Hawaii Interprofessional Education (HIPE) workgroup. The members include the UH Manoa School of Nursing and Dental Hygiene, John A. Burns School of Medicine, Myron B. Thompson School of Social Work with the Office of Public Health Studies, UH Cancer Center, and the UH Hilo Daniel K. Inouye College of Pharmacy.

The HIPE workgroup has integrated IPE into the curriculum of each school. A IPE foundation curriculum as well as simulation and clinical practica were developed to ensure that each graduate from the CHS programs meets the interprofessional core competencies, recommended by the Interprofessional Education Collaborative (IPEC). THSSC is committed to creation of IPE sessions that provide a safe venue to practice teamwork and collaboration skills.

Highlights of the IPE sessions include:

- **HIPSTER:** Hawaii Interprofessional Simulation Training for Emergency Response
  - 8-hour simulation focused on improving teamwork and communication skills among members of the healthcare team. Cases focus on care of patients experiencing Medical Emergencies.

- **HIPTCS:** Hawaii Interprofessional Team Collaboration Simulation
  - 4-hour simulation aimed at improving healthcare team collaboration skills. The case simulates a team discharge planning meeting and focuses on the unique needs of an elderly woman who is hospitalized after a fall related to multiple factors including a polypharmacy issue.

- **HITEC ICU:** Hawaii Interprofessional Training for End of
Life Communication – ICU
• 4-hour simulation focused on the practice of utilizing interprofessional team collaboration skills for teams to deliver “bad news” and assist families with end of life decisions in an adult intensive care setting.

• PIPP: Pediatric Interprofessional Program
• 4-hour simulation focused on the practice of utilizing interprofessional team collaboration skills for teams to deliver “bad news” and assist families with end of life decisions in a pediatric intensive care setting.

• Disaster and Its Aftermath
• 4-hour table-top simulation session focused on an interprofessional teams of students collaborating to respond to a disaster (a Tsunami wave) and the issues that occur in the ensuing days after the initial event (“The Aftermath”). Immediately after the Tsunami, teams work collaboratively to triage victims, provide first aid and organize the transport of victims. The session then takes place weeks after the disaster and public health issues that result from lack of resources.

• TeliPORT
• 4-hour interprofessional simulation focuses on the concepts of telehealth. During the sessions, telepresence robots are utilized to conduct pharmacy consultation during complex simulation situations.

Community

A variety of simulation activities/training workshops are developed, implemented and evaluated in partnership with health care organizations in the State of Hawaii. Each program is individualized to meet the unique needs of the user group and past partnerships include:
- The Queen’s Medical Center – simulations focused on enhancing critical thinking, communication and team collaboration.
- Hawaii Pacific Health – simulations ranging from birth to end of life scenarios.
- LIFESAVE – Kupono Transport – simulations of emergency transport by air for interprofessional members of the air transport teams.

**International**

A variety of workshops are developed, implemented and evaluated in partnership with health care organizations and universities/schools from Asia and the Pacific Basin. Partnerships include faculty and student nurse training programs for:

- Seitoku University (Japan)
- Tokyo Healthcare University (Japan)
- Wuhan University (China)
- Hirosaki University (Japan)