

# Kansas City University SIMPACT Annual Report

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*Fiscal Year: 2024/2025*

*Department: Kansas City University SIMPACT*

*Prepared by: Lindsey Abbott*

## Mission, Vision, and Core Values

**Mission:** Advancing healthcare education through simulation, fostering excellence in clinical skills, teamwork, and patient-centered care to improve community well-being.

**Vision:** Creating a dynamic, simulation-driven learning environment where healthcare professionals develop the expertise and compassion to elevate patient care and improve community health.

### Core Values

*Excellence* - We are committed to the highest standards of quality, integrity, and innovation in simulation-based education, ensuring learners are prepared to deliver exceptional patient care.

*Equity*- We foster an inclusive, diverse, and collaborative learning environment where all students, faculty, and community partners feel valued and supported in their educational journey.

*Empathy*- We prioritize compassionate learning by creating realistic, immersive experiences that cultivate understanding, communication, and patient-centered care.

## Executive Summary

### Accomplishments, Challenges, and Future Outlook

#### Accomplishments

- Successfully conducted simulation sessions for a total of 22,557.5 hours across diverse clinical scenarios.
- Served 1685 learners, including medical students, residents, dental students and PsyD students.
- Successfully transitioned to CAE Learning Space for simulation scenario management and A/V integration, improving operational efficiency, data tracking, and learner experience.

#### Challenges

- Addressed evolving learner needs and curriculum changes requiring rapid scenario development.
- Managed technology updates and maintenance to ensure seamless simulation delivery.

#### Future Outlook

- Begin preparations for SSH Accreditation (Accreditation Standards for Healthcare Simulation Programs).
- Explore and initiate steps toward ASPE Accreditation for simulated patient programs.
- Align policies, documentation, and processes with accreditation standards to ensure readiness.

### **Key Statistics**

- **Total Curricular Simulation Hours Conducted:** 22557.5
- **Total Unique Learners Served:** 1685

## **Department Overview**

### **SIMPACT Team Members**

Rebecca Bowden, PhD- Senior Director Simulation

Sue Cobb, MBA- Assistant Director of Simulation, Joplin Campus

Shawna Taylor- Assistant Director of Simulation, Kansas City Campus

Lindsey Abbott MS- Simulation Nurse Educator- Kansas City Campus

Melissa Trybom- Simulation Nurse Educator, Kansas City Campus

Mille Dorman- Simulation Coordinator- Kansas City Campus

Katie Moore- Senior Simulation Education Manager- Joplin Campus

Amy Pyatt- Simulation Education Specialist- Joplin Campus

Allison Thompson- Simulation Education Specialist, Kansas City Campus

Jessica Burnham-Simulation Operations Specialist II-Joplin Campus

Alex Dickey- Simulation Operations Specialist- Joplin Campus

### **SIMPACT Facilities Overview**

The Kansas City campus features twenty-two simulated patient encounter rooms, eight manikin-based simulation rooms, and a large simulation deck space designed for task trainer labs and special events. The Joplin campus includes twenty-two simulated patient

encounter rooms, four manikin-based simulation rooms, and a dedicated task trainer room for related labs.

### **Technology Details**

Both SIMPACT campuses utilize the Learning Spaces platform for audiovisual recording and simulation operations management. Simulation experiences are supported by Gaumard and Laerdal SimMan 3G manikins, providing high-fidelity, realistic patient care scenarios for learners.

## **Key Achievements**

### **Policy Development**

SIMPACT-related policies and procedures have been developed in accordance with the standards and guidelines set forth by the Association of Simulated Patient Educators (ASPE) and the Society for Simulation in Healthcare (SSH) to ensure compliance with accreditation requirements and best practices.

### **Research & Scholarship:**

All simulation staff actively participate in a monthly Journal Club, where each SIMPACT member shares a research article relevant to their role in simulation. SIMPACT staff have contributed to scholarly work through reviewing and presenting on 13 peer-reviewed publications on simulation best practices and learner outcomes over the past year.

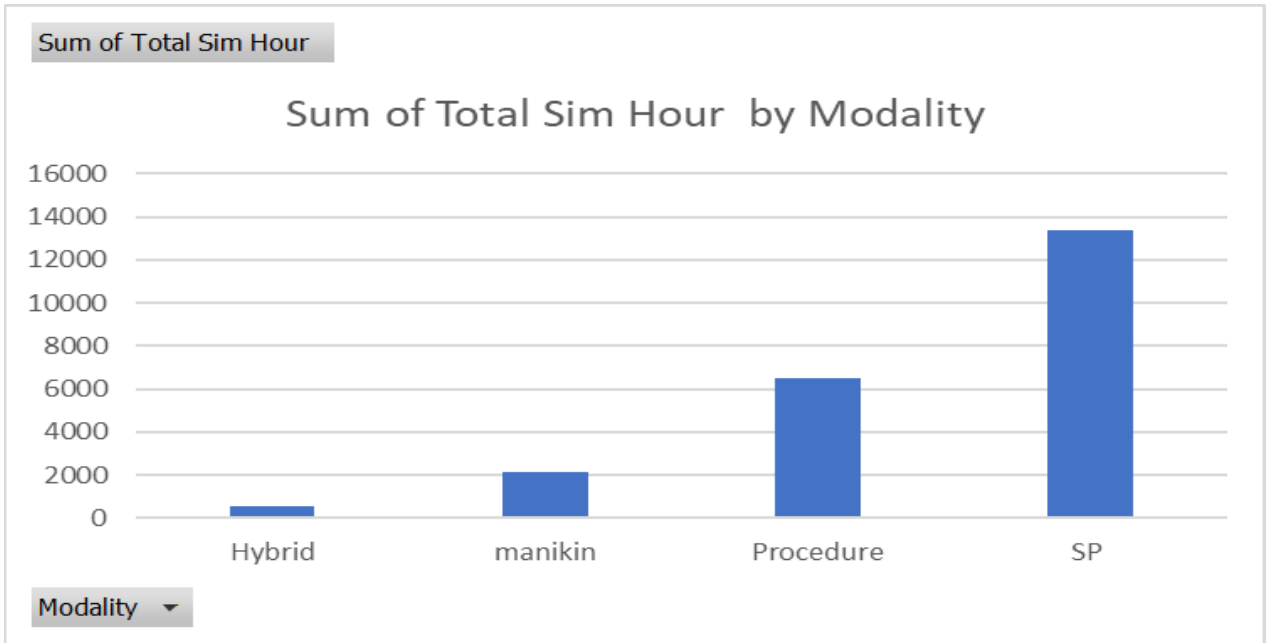
### **Professional Growth:**

- Three SIMPACT team members are currently pursuing advanced degrees (two Master's and one EdD), demonstrating commitment to lifelong learning and expertise development.

## **Operational Metrics**

### **Campus Curricular Activities:**

Below is a graphic depicting the sum of total simulation hours for KUC curricular simulations and their simulation modality (excludes residency related simulations).

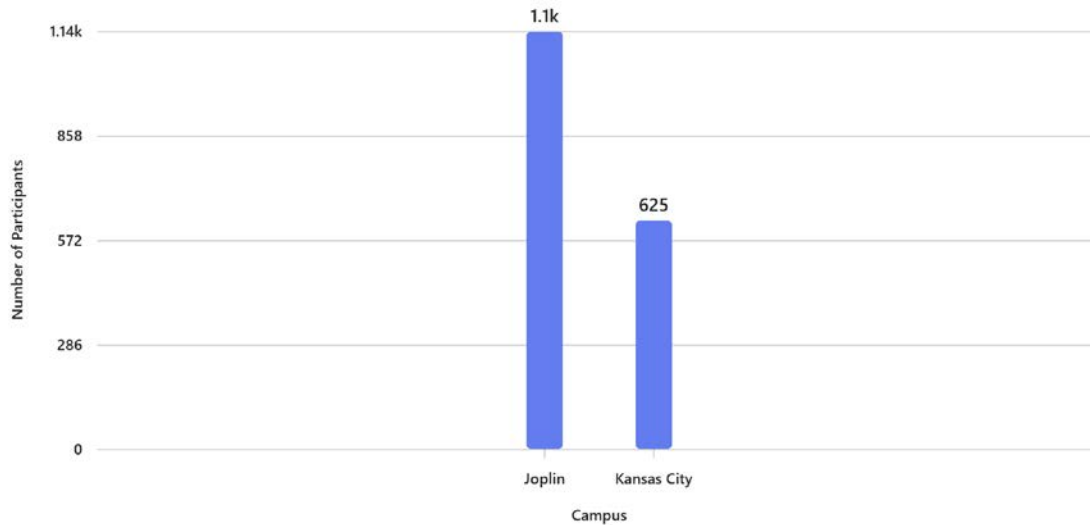


Modality	Total Simulation Hours
Hybrid	562.5
Manikin	2137.5
Procedure	6495
SP	13362.5

**Campus Extracurricular Club involvement in simulation:**

Below is a graphic depicting the sum of student learners who participated in student-run club events utilizing simulation in FY24-25.

N= 1142 for Joplin and N= 625 for Kansas City



## Quality & Safety Initiatives

### Policy Implementation:

- Developed and enforced a more concise simulation recording policy to ensure transparency, secure storage, and ethical use of recordings for educational purposes.
- Maintained SP confidentiality guidelines to protect participant privacy and maintain compliance with institutional standards.
- Implemented equipment maintenance and safety checks protocols to minimize technical failures and ensure safe learning environments.
- Added latex signage in all spaces where latex task trainers are utilized across campuses to enhance safety and allergy awareness.
- Maintained implementation of psychological and physical safety policies for SPs, staff, and learners, ensuring a supportive environment and mitigating risks during simulation activities.
- **Risk Management Efforts:**
  - Conducted pre-simulation safety briefings for learners and faculty to reinforce emergency procedures and safe practices.
  - Created a risk reporting and review process for simulation incidents, enabling timely corrective actions and continuous improvement.
  - Integrated infection control measures for all simulation activities, including standardized cleaning procedures for manikins and equipment.

## Strategic Goals & Future Plans

### 1. Technology Acquisition

- Continue full implementation of CAE Learning Space for scenario and A/V management.

### 2. Accreditation Goals

- Begin preparations for SSH Accreditation (Society for Simulation in Healthcare) to validate program quality and standards.
- Initiate steps toward ASPE Accreditation for SP program.
- Align policies, documentation, and processes with accreditation requirements, including safety, confidentiality, and educational outcomes.

### 3. Research Priorities

- Encourage faculty and staff participation in conference presentations and scholarly publications.