# LMU-DCOM

# Center for Interprofessional Education and Simulation (CIPES)

# Strategic Plan 2024-2029

## Mission

The Center for Interprofessional Education and Simulation at Lincoln Memorial University provides students and community members of diverse backgrounds with education, training, and interdisciplinary collaborative opportunities.

*Updated: Fall 2023*

## Vision

The Center for Interprofessional Education and Simulation at Lincoln Memorial University will enhance the quality of healthcare and patient safety using a wide spectrum of clinical environments in the training and assessment of healthcare students and professionals.

*Updated: Fall 2022*

## SWOT Analysis

**Strengths**

- Teamwork adaptability
- Diverse team member backgrounds and expertise
- State-of-the-art equipment and facilities
- Collaboration Maintains Strong Partnerships
- Customer Service
- Positive Attitude
- Mutual concern for students
- Dedication
- Leadership

**Weaknesses**

- Communication with stakeholders
- Closing the loop with team members
- Geographic location
- Standard operating procedure implementation
- Outreach

**Opportunities**

- Community interaction/outreach
- Community Health awareness
- Increase growth potential (Revenue building)
- Flexibility in saturated markets to draw customers
- Offer a broader range of emergent technologies
- Professional development

**Threats**

- Technology and software improvement costs
- Local and regional competition and governing body online programs increasing costs and services
- Competing institutions employing Standardized Participants (Knoxville) and Life Support Skills Trainers
- Clinical faculty adherence to standard operating procedures
- Clinical faculty availability to support student education

*Updated: Fall 2023*

| | **2024-2029 CIPES Goals** | | | | | | |
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| **Number** | **Objectives** | **Actions** | **Timeline** | **Responsibility** | **Resources** | **Expected Outcome(s)** | **Maps to DCOM goal** |
| 1 | CIPES SSIH Provisional Accreditation | Draft, complete and submit application for Society for Simulation in Healthcare (SSiH) provisional accreditation. | Fall 2023 | Simulation Accreditation Advisory Board | Advisory faculty/staff member(s) for Accreditaion | Provisional accreditation application submitted to SSiH; attend SSIH Provisional Review and obtain provisional accreditation. | **CIPES** |
| 2 | Plan, acquire, establish and utilize a mobile simulation unit to provide in-situ clinical skills training in rural areas and for rotation and GME sites. (CIPES) | Raise $200,000.00 to purchase Mobile Simulation Vehicle | Fall 2024 | Mobile Simulation Unit Committee; Director | Grants; Funding from Private Organizations and Foundations | Mobile Simulation Unit Fully Funded; Unit production and equipment contracted for | 4.4 |
| | | Pilot in-situ clinical skills training at core clinical rotation sites | | | | At least two (2) in-situ trainings completed; > or = 90% of learners A/SA that the training was satisfactory overall | |
| 3 | Update IT equipment and other resources in Simulation Lab and Clinical Exam Center Areas to improve student learning experience and enhance capabilities. (CIPES) | Procure one additional manikin for Simulation Room 5 (DCOM Building Simulation Lab) in Harrogate, TN. | Fall 2023 | Interim Director Simulation and Training; Simulation and Training Manager; Simulation and Training Technician; CEC Coordinator | Simulated Patient Manikin | Acquired one additional Simulated Patient Manikin and installed in Simulation Room 5 in the DCOM Building Simulation Lab. | 4.1 |
| | | Purchase crash carts and furniture for the simulation rooms. | Fall 2023 | Interim Director Simulation and Training; Simulation and Training Manager | Crash carts and associated inventory; new furniture | Purchase and installation of crash carts and new furniture to Simulation and Clinical Exam Center areas | |

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| | | Replicate the CEC PA and room monitoring setup in the Knoxville simulation labs to broaden the range of activities that can be offered. | Spring 2024 | Information Services; Asst. Director; Simulation and Training Manager; Simulation and Training Technician; CEC Coordinator | PA System; IT equipment | Successful installation of PA and IT equipment to allow 100% functionality; 1-2 events held utilizing the new setup. | |
| 4 | Develop and implement methods for collecting data and decision driven improvements across departments at DCOM. (CIPES) | Create report template for pilot review; distribute for Dean's Council to review | Fall 2023 | Data and Quality Assurance Manager; Associate Dean, IPE and Simulation | Committee Meeting Minutes; Action Plan Tracking Database | 100 % of Committee Meeting Minutes are being tracked and data placed into the Action Plan Tracking database. Concluding report generated and distributed. | 1.2 |
| 5 | Expand on administration of TeamSTEPPS program. | Hold at least one TeanSTEPPS in addition to TeamSTEPPS Essentials for students | Annually | CIPES Master Trainers | Learning Space; Computer; audio/visual equipment; USB learning materials | Successful completion of 2-3 TeamSTEPPS courses. | CIPES |
| 6 | Update Standardized Participant standard operating procedures and training platform | Migrate to Canvas | Fall 2023 | Standardized Patient Coordinators | Prior documentation; standard operating procedures | Completed migration of SP documentation and training to Canvas learning management system. | CIPES |
| 7 | Improve promotion of weekly skills training activities | Recurring reminders | Fall/Spring Semester | Interim Director Simulation and Training; Simulation and Training Manager | Communications; Skills Lab Supplies | 100% coverage of skills training activities with faculty involvement | CIPES |

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| 8 | Expand IPE in the third and fourth years (DO) as well as co-curriculer collaborations for all health profession students (CIPES) | Launch PBL/Patient-Team Feedback | 2023 | Project Manager, Interprofessional Education (IPE) Development | IPE Program Partners | 100% percent of established IPE activities have a fixed date in each program's curricular schedule | 6.8 |
| | | Add on health services to OMM clinic | | | DCOM Curricular schedule; DCOM Curriculum Committee | 100% of IPE components have been placed and are noted in DCOM course syllabi. | 6.8 |
| 9 | Identify additional opportunities for K12 student outreach for health profession education opportunites and life support training certifications (CIPES) | Identify, develop, and participate in outreach activities with K12 students | Annually | Nurse Educators; Faculty | Course materials | Staff particpated in additional outreach programs for K12 students | 6.4 |
| 10 | Improve process for obtaining academic rubrics and/or cases within SimCapture | Work with course directors to improve rubric delivery and transfer process | Fall 2023 | Clinical Exam Coordinator; Simulation and Training Manager | SimCapture platform; Example rubrics | Process for communicating and inputting case rubrics improved. | **CIPES** |
| 11 | Improve process for tracking IPE on Rotations | Explore further automation in Canvas (quizzes, etc.) | Fall 2023 | Nurse Educator (Knoxville); Data and Quality Assurance Manager | IPE Tracker Spreadsheet; video resources for students located on Blackboard | Utilized Canvas to automate IPE on Rotations to make process more efficient. | **CIPES** |
| 12 | Nure educators and mentors particpate in SP remediation process | Increase the number of rubric trainings<br>Make SPs aware of grading discrepancies<br>SPs review Nurse Educator reviewed rubric and compare to encounter video | Fall 2023 - Spring 2024 | Standardized Patient Coordinators; Nurse Educators | SimCapture platform; Completed rubrics | Decrease SP grading errors by 50% | **CIPES** |
| 13 | Provide professional development opportunities for CIPES staff and faculty partners (CIPES) | Staff and faculty identify and participate in professional development courses, conferences, certifications and other opportunites | Fall 2023 - Spring 2024 | Interim Director of CIPES; Simulation and Training Manager | Professional organization memberships, certifications, newsletters | CIPES staff and faculty participated in professional development | **CIPES** |