

III. Resources

MUISC has spaces in two buildings on Moravian's campus, the Sally Breidegam Miksiewicz Center for Health Sciences (The Sally) and the Sports Medicine and Rehabilitation Center (SMRC). Environments in both centers are deliberately created to mimic the spaces where graduates will eventually practice as professionals. These spaces are enhanced by learning management systems allowing faculty to observe and record learners.

Descriptions of the spaces are listed by building below.

Sally Breidegam Miksiewicz Center for Health Sciences

All spaces are equipped with EMS audio/video/scheduling capability unless otherwise noted.

- **SMC 212** -Skills lab - set up as an inpatient space, the lab is equipped with 12 low-fidelity manikins ([Nursing Anne](#))
- **SMC 216** - Conference Room - meeting/gathering space for up to 24 people, Tech-Apple TV, Tech-Display, Tech-HDMI Wall Jack, Tech-Speaker System, Tech-Touch Panel, Tech-Video Conferencing (no EMS capability)
- **SMC 218** -High Fidelity Family Lab - inpatient space for Mother/Baby care, high-fidelity birth manikin ([Sim Mom](#)), baby warmer with high-fidelity newborn manikin ([SimNewbie](#)), hospital crib, 3 toddler manikins, child manikin ([SimJunior](#)), pediatric scale, low fidelity preemie ([Premature Anne](#)) and baby bassinet. This room also includes two large two-way mirrors for learner observation.
- **SMC 227** - Debriefing Room - seats up to 10 people, Tech-Apple TV, Tech-Display, Tech-HDMI Wall Jack, Tech-LCD TV, Tech-Speaker System, Tech-Touch Panel, Tech-Windows Computer, whiteboard
- **SMC 220** - Control Room - seating for 6 observers, EMS viewing & overhead announcement capability
- **SMC 221** - High Fidelity Room - inpatient setting with two beds, two high fidelity manikins ([SimMan Essential](#), [SimMan 3G](#)), two large two-way mirrors for observation.
- **SMC 251, SMC 252(2)** - Exam Room- set up as outpatient space, contains an exam table, cart for supplies, scale, and phone.
- **SMC 238** -Mower Community Health Lab - flexible space set up as a living space for home visits.

Sports Medicine and Rehabilitation Center

These rooms are equipped with Valt EMS - able to provide viewing, scheduling, and recording capabilities.

- **SMRC 130, 131, 132, 133(4 total)** -Exam Rooms - located on the first floor these 4 rooms are designed as outpatient areas, equipped with plinths
- **SMRC 268** - Exam Room - this larger exam room is set up as an outpatient area, equipped with a plinth and table/chairs for consultation.

- **SMRC 216** - Living Space - set up as an outpatient area this room includes a living room, kitchen facilities, bedroom, bathroom, and a washer and dryer (limited audio/visual equipment access).

Supplies will vary in these rooms, please check with the Simulation Staff on availability.

Task Trainers

In addition to full-sized manikins, the center owns many different task trainers. These include IV arms, eye and ear assessment trainers, arterial line insertion, CVC trainers, and rectal exam trainers. Contact MUIISC faculty and staff for complete list of task trainers available. Task trainers are encouraged to be used on-site but can be loaned by completing the form located in **(APPENDIX B)**.

Moulage

The simulation center also offers a full range of moulage for both manikin and SP cases. Please contact simulation faculty and staff as needs arise.

Supply and Resource Management

All equipment and medications within the MUIISC are designed to closely mimic clinical equipment and pharmaceuticals; however, they are intended for use in the simulated environment only and must never be used for actual patient care. Supplies are inventoried regularly and reordered as needed by the MUIISC Director. College of Health (COH) faculty and MUIISC staff may request the purchase of additional supplies or equipment by submitting a written request to the Simulation Center Director. The budget for MUIISC supplies and equipment is coordinated annually, and as needed, between the COH Department Chair(s) and the Simulation Center Director.

Proper labeling, handling, and maintenance of all supplies and equipment are required to ensure safe use. Simulation facilitators must inform learners that, although none of the equipment in the MUIISC is intended for clinical use, it should be handled using the same safety precautions as real clinical equipment. Learners' must also be advised that medication packaging and labels may closely resemble actual clinical medications; however, all medications are simulated and not for clinical use. Wall headboards contain functional simulated oxygen and suction connections; these systems use compressed air rather than oxygen and are strictly for simulation purposes.

Appropriate maintenance, timely repairs, and routine servicing are essential to ensure the longevity and reliability of MUIISC equipment. Equipment that is out of service may interfere with scheduled training and disrupt simulation curricula. When equipment issues arise, MUIISC staff will troubleshoot and attempt to resolve the problem. If the issue cannot be resolved internally, the equipment vendor will be contacted to determine next steps, which may include phone-based troubleshooting, return of equipment for repair, or an on-site service visit.

MUIISC staff and student assistants are responsible for the day-to-day care and operation of all MUIISC equipment. The Simulation Center Director submits capital equipment requests annually

and/or as needed to the Dean of the COH. These maintenance and service procedures also apply to all computers, audiovisual equipment, and software systems, including the Education Management Solutions (EMS) and Video Audio Learning Tool (VALT) systems used within the MUISC.

Maintenance Plan for Trainers / Manikins / Equipment

After each use:

- Wipe down all manikins and low-fidelity skill trainers to remove adhesives, moulage, and markings.
- Drain all fluids and flush the tubing system.
- Assess all task trainers, manikins, and medical equipment for obvious damage, leaks, necessary part replacements, and cleanliness. If not in use or scheduled to be used; clean, drain, dry, and store in an appropriate area.
- Check linen and send for laundering or replacement as needed. Change dirty/wet linen and clothing on the manikins as needed.
- All supplies and disposables are inventoried and returned to storage after use.
- Power off simulators, PCs, and wall monitors.

Bi-Weekly:

- Clean and inspect all equipment as needed.
- Wipe down skin/covers. Remove any adhesive, moulage, or markings left on the skin.
- Calibrate all Nursing Annes, sensors, and monitors.
- Turn on and test all electronic devices, and check/replace batteries as needed.
- Run associated programs that control equipment.

Monthly:

- Inspect, and if needed replace all disposable parts.
- Assess for wear and tear of equipment that might need service.
- Update computer software.

Annually:

- Preventative maintenance and software updates performed by Moravian IT department
- Update computer software.

Simulated/Standardized Patient Program

A Simulated/Standardized Patient is a person who is specially trained to take on the characteristics of a real patient/client. SPs are employed to create a higher level of fidelity and emotion within a simulation. Moravian University SPs are trained to provide meaningful feedback to learners which will enhance the simulation experience. SPs are required to complete the Standardized/simulated patient consent form before working at Moravian University.

(APPENDIX C)

Ensuring Physical and Emotional Safety of Standardized Patients

The safety of SPs working for Moravian University is integral to the overall creation of a “safe container” learning environment in the MUIISC. Staff use the International Nursing Association for Clinical Simulation and Learning ([INACL](#)) Best Practice Standards in Simulation and also the Association of Standardized Patient Educators ([ASPE](#)) to ensure the simulation center is upholding the highest standards of both mental and physical safety within the profession.

Recruitment Process

MUIISC strives to create an authentic environment by recruiting and hiring SPs who represent diverse and inclusive patient/client experiences. The SPs are encouraged to collaborate with the clinical faculty during the creation of cases in order to present patients/clients who are more representative of the communities where the learners will serve.

Potential candidates are recruited for employment in the Simulation Center by a variety of means, including:

- Referral from SPs currently involved with the MUIISC program.
- Outreach to community and theater programs.
- Referral by Moravian employees.
- Networking with other local simulation centers.

Interview Process

Individuals who express interest in working with the simulation program at Moravian are contacted and an interview with simulation staff is scheduled. This interview occurs either in person or over Zoom. Interested and eligible candidates are invited to tour the facility and observe a live simulation.

- Information provided during the interview will include Job Description and work conditions for Simulated/Standardized Patients, program expectations, tax information, and contracted payment information.
- SPs who choose to work for the simulation program at Moravian University will be required to complete and sign Independent Contractor tax documents and the Moravian University SP Consent form. SPs are hired as contractors through the university not as employees.

Job Description and Work Conditions

Simulated/Standardized Patients (SPs) provide learners opportunities to practice and enhance patient/client interviewing skills, communication skills, and physical exam techniques. During the interaction with a learner, the SP may:

- Accurately present a patient/client history to the learner.
- Undergo a non-invasive physical examination. SPs may be required to wear hospital gowns (undergarments or shorts must be worn) or street clothes during physical assessment sessions. Invasive exams or procedures will not be performed on SPs contracted through Moravian University (ex. Breast, pelvic, or rectal exams).

- Offer both written and verbal feedback to learners. Training will be provided on feedback techniques and expectations.
- The SP must be able to step up and down from the exam table. It is the SP's responsibility to notify staff of any physical limitations.
- SPs are assigned to scenarios and cases based on the specific needs of the session including patient/client case requirements (age, gender, ethnicity, physical characteristics, case difficulty, etc.), level of experience in portraying the same or similar case, experience and quality of providing feedback (verbal/written), level of course and skill progression of learner (ex. Sophomore, Junior, Senior, or Advanced Degree) as well as SP preference in portraying simulation or case offered.

SPS may opt out of performing any case that is psychologically unsafe for them at any time. This opt-out does not affect future offers of assignments.

Duties and Responsibilities

- SPs are responsible for arriving on time for all events. Contact information will be provided in case of an emergency.
- Communication will be maintained via email and text. SPs are expected to respond promptly and notify simulation staff of any changes in availability.
- SPs are responsible to attend training for cases as needed. Training may be provided via Zoom or in person.
- Memorizes case scripts describing specific emotional states, behaviors, and signs/symptoms of disease conditions to increase fidelity during simulated learning situations.
- Consistently provides case information when elicited by learners during simulated encounters.
- Remains in character when responding to learners' questions.
- Able to recall simulation or event learner interactions after encounters and provide verbal and/or written feedback as accurately as possible.
- Maintain confidentiality of information related to scenarios, cases, learners, and verbal/written feedback of learner assessments.
- SPs are expected to actively reflect on their performance and pursue ways to improve their skills.

SP Training

Training for SPs will be conducted after acceptance of simulation sessions or events. All SPs will be trained before the simulation or event.

- SPs are required to participate in paid training sessions before the simulation or event date. Training is facilitated by the MUISC staff and clinical faculty.
- SP scripts are based on course objectives and learner evaluation metrics. SPs are asked to contribute to the script by incorporating their lived experiences and acting skills.
- SPs may be debriefed before or after sessions to ensure the fidelity of the simulation.

SP Quality Assurance

Professional quality and improved learning experiences are a priority of MUIISC and the SP program. Quality Assurance of SPs performances will be conducted and maintained by the following methods:

- Direct dialogue with SPs and time allowed for questions during training sessions.
- Direct observation and debriefing of SPs during simulations or events.
- Videotaped review of SP performance with Simulation staff and/or course faculty if necessary.
- SPs may request performance reviews from Simulation staff at any time.
- SPs are encouraged to provide feedback regarding Moravian University's SP program to help improve and develop future scenarios and cases.
- SPs are encouraged to inform the MUIISC staff of any concerns for wellness or safety that arise during their scheduled simulation sessions.

Payment For SP Services

- SPs are paid at an hourly rate for participating in scenario or case training, and all scheduled simulation sessions or events.
- The expected session completion time frame will be given when the SP accepts an assignment. The initial time frame offered will be guaranteed for payment.
- Should the assignment run longer than the original time frame, the SP will be paid to the nearest 30 minutes (ex. SP assigned to work to 1:00 PM, actual running time of simulation was until 1:10 PM. SP's paid end time will be 1:30 PM).
- If an SP chooses to leave before the end of their guaranteed paid time frame, the actual time (nearest 15 minutes) will be paid.
- Should an SP be assigned as a 'stand-by' they must be present at the facility to receive two hours of guaranteed pay. If the 'stand-by' services are needed past the guaranteed 2-hour pay period to complete the simulation or event, then the SP will be paid for actual time (rounding to the nearest 30 minutes).

Late Arrivals and Cancellations

- SPs are requested to notify the MUIISC Educator by email (simulationlab@moravian.edu) or text if they need to cancel a scheduled simulation or event at least 24 hours in advance.
- SPs are asked to notify the MUIISC Educator if anticipated late arrival is evident.
- A pattern of last-minute cancellations or late arrivals will affect the SP's selection for future simulations or events.

MUIISC Cancellations of Simulations or Events

MUIISC follows Moravian University's cancellation policy:

- If the University is closed or has issued a delayed opening, all simulation sessions will be canceled or moved to a later time if possible.
- If the university is closed due to inclement weather there will be no compensation for SPs, but every effort will be made to reschedule the event.
- If the MUIISC Simulation Center staff cancels a scheduled simulation session, outside of Moravian University's closing guidelines, the following steps will apply:
 - An email will be sent by the MUIISC staff as soon as possible before the start of the simulation or event to notify SPs of session cancellation.
 - It is the SP's responsibility to acknowledge the cancellation by replying to the initial email.
 - If the cancellation is **MORE** than 24 hours from the time of the scheduled simulation or event's start time, SPs will not be compensated.

If the session is canceled **LESS** than 24 notice from the time of the scheduled simulation or event's start time, SPs will receive 2 hours compensation payment for the session.