

Binghamton University Simulation Centers for Experiential Learning

Policy and Procedure Manual

Decker College Innovative Simulation and Practice Center
School of Pharmacy and Pharmaceutical Sciences Skills Lab

General Information

Mission Statement

Our mission is to provide safe, culturally sensitive, and evidence-based simulation experiences to support healthcare education and facilitate safe patient care. In order to achieve this mission, we commit to:

- Interprofessional collaborations through experiential learning.
- Providing leadership and support for the development of effective educational activities.
- Contributing to the body of research in healthcare simulation education.
- Providing state of the art facilities for instruction.

Vision Statement

The vision of the Binghamton University Healthcare Simulation Consortium is to emerge as a national leader in healthcare simulation education and scholarship.

The Basic Assumption

We believe that all participants attending simulation activities are inquisitive and empathetic individuals striving to provide excellent patient care.

Code of Ethics

The Binghamton University Simulation Consortium has adopted the Healthcare Simulationist Code of Ethics. We are also guided by the codes of ethics for the healthcare professions represented at Binghamton University.

Locations

Innovative Simulation and Practice Center (ISPC)

Decker College of Nursing and Health Sciences | Binghamton University
Health Sciences Building (HSB) 2nd Floor
48 Corliss Avenue, Johnson City, NY 13790

Description:

The Innovative Simulation and Practice Center (ISPC) is located on the 2nd floor of the Health Sciences Building (HSB) on the Health Sciences Campus of Binghamton University. The ISPC is part of the Decker College of Nursing and Health Sciences (DCNHS) and consists of a simulation, innovative instruction, and practice area.

The simulation area includes three flexible hospital-style rooms, a nurse's station, a home care suite, a life skills suite, four debriefing rooms, a classroom space, and a control room.

The innovative instruction area includes 8 versatile rooms for competency-based activities.

The practice area includes a large learning lab with a central learning area and 18 hospital-style bays, a deliberate practice room for skills training, and an open practice area.

We are home to a complete range of high-fidelity manikins representing the full life span and a wide array of cultural diversity.

The ISPC calendar of activities is available [here](#).

Parking:

Parking is available for students and staff in the HSB lot and the School of Pharmacy lot located on Willow Street. Limited visitor parking is available in the HSB lot. University lots are gated. Street parking is also available.

Hours of Operation:

The ISPC is available during normal business hours, Monday through Friday, from 8:30 am - 4:00 pm. Business hours may be extended or may include weekends in order to accommodate special programs.

The building is accessible using the University ID badge 24 hours a day for Decker College students, staff, and faculty. Room 217 in the ISPC is available for skills practice 24 hours a day by badge access.

Tours:

Requests for tours and activities are to be made via email to simulation@binghamton.edu. Tour requests must be scheduled 2 weeks in advance. Tour cancellations should be relayed as soon as possible to the ISPC staff, at least an hour prior to the event.

When simulation events are occurring, tours will bypass the simulation areas affected so as to maintain the integrity of the event and the privacy of the participants.

Staff:

Roles	Responsibilities
Assistant Dean, Simulation and Clinical Learning	
Patti Reuther, MS, RN, CHSE-A preuther@binghamton.edu 607-777-4436	<ul style="list-style-type: none"> • Administrative responsibilities • Budget/purchases • Scheduling • Planning • Simulation training • Community engagement
Director of Technology and Innovation	
Patrick Leiby pleiby@binghamton.edu 607-777-6091	<ul style="list-style-type: none"> • Photography and video production • Instructional design • Provide leadership regarding the integration of technology into the curriculum, classroom, or laboratory
Assistant Director of Innovative Simulation and Practice Clinical Assistant Professor	
Lori Sprague, PhD, RN, CHSE lsprague@binghamton.edu 607-777-6982	<ul style="list-style-type: none"> • Coordination of undergraduate and graduate nursing simulation • ISPC educator • Professional development program management
Simulation Educator Clinical Assistant Professor	

Joyce Rhodes-Keefe, PhD, RNC-MNN jrhodes@binghamton.edu 607-777-6373	<ul style="list-style-type: none"> • ISPC educator • Professional development
Innovative Simulation and Practice Technicians	
Laura Fahs, CHSOS lfahs@binghamton.edu 607-777-6166	<ul style="list-style-type: none"> • Standardized patient coordination • Student worker supervision • Skill competency recording and distribution • Simulation equipment maintenance and troubleshooting • Simulation software programming
Sidney Hunt sthunt@binghamton.edu 607-777-4761	<ul style="list-style-type: none"> • Simulation equipment maintenance and troubleshooting • Simulation software programming • Set up and take down of activities
Administrative Assistant, Innovative Simulation and Practice Center, Interprofessional Education Program	
Phil Wood pwood6@binghamton.edu 607-777-4597	<ul style="list-style-type: none"> • General questions about ISPC space usage • Room reservations for the ISPC • Scheduling meetings with the ISPC executive director

School of Pharmacy and Pharmaceutical Sciences (SOPPS)

[School of Pharmacy and Pharmaceutical Sciences](#) | Binghamton University
96 Corliss Ave, Johnson City, NY 13790

Description:

The Skills Lab is located on the second floor of the Pharmacy Building (PB) on the Health Sciences Campus of Binghamton University. The Skills Lab is part of the School of Pharmacy and Pharmaceutical Sciences and consists of areas for simulation and innovative instruction.

The simulation area includes three hospital bays with high-fidelity mannequins, a hospital pharmacy, sterile compounding room, community pharmacy and eight medical examining rooms. The Skills Lab is also home to a versatile classroom space, a technology control room, an activity space known as the Home Care area and a medication compounding lab.

Parking:

Parking is available for students and staff in the School of Pharmacy lot located on Willow Street. University lots are gated. Visitor parking is available through arrangements with the Pharmacy School departments or the Pharmacy Dean's office. Street parking is also available.

Hours of Operation:

The Skills Lab is available during normal business hours, Monday through Friday, from 8:30 am - 4:00 pm.

Business hours may be extended or may include weekends in order to accommodate special programs.

The building is accessible using the University ID badge 24 hours a day for School of pharmacy students, staff, and faculty. The Skills Lab and Compounding Lab are only available during scheduled class hours or by special arrangement.

Tours:

Tours of the Skills Lab are scheduled through the School of Pharmacy Student Affairs Office, Admissions Office and the Dean's Office at the beginning of each semester and as needed. Other tour requests must be scheduled two weeks in advance via email to simulation@binghamton.edu.

Tour cancellations should be relayed as soon as possible and at least an hour prior to the event to the School of Pharmacy office that arranged the tour.

When simulation events or other assessments are occurring, tours will bypass the simulation areas affected so as to maintain the integrity of the event and the privacy of the participants.

Staff:

Roles	Responsibilities
Skills Education Director	
Sarah Lynch, PharmD, BCACP selynch@binghamton.edu 607-777-5819	<ul style="list-style-type: none"> • Administrative responsibilities • Oversees Skills Lab simulations • Skills Lab instructor • Scheduling • Planning

Skills Education Assistant Director	
Elizabeth Hageman, PharmD, BCPS, BCOP ehageman@binghamton.edu 607-777-5806	<ul style="list-style-type: none"> • Administrative responsibilities • Oversees Skills Lab simulations • Skills Lab/Compounding Lab instructor • Scheduling • Planning
Skills Education Associate	
Andrea Snyder, MS. Ed. asnyder@binghamton.edu 607-777-3002	<ul style="list-style-type: none"> • Standardized patient program coordinator • CPR program coordinator • Simulation software programming and technology maintenance • Simulation scheduling and organizing • Maintain inventory

Media and Confidentiality

Before attending simulation activities, educators, participants, and observers are required to read and acknowledge the [policy](#). The policy will also be reviewed during simulation briefings.

Confidentiality Policy

Simulation at Binghamton University is a safe place for learning and practice. As participants in simulation activities, participants declare that they understand they will witness learner performances and that it is unethical and violates program policy to share information regarding performances with any outside person(s). All participants will observe strict participant confidentiality with respect to learner actions and debriefing discussion at all times.

Media Policy

The University uses video recordings of simulation activities for the purposes of instruction, reflection, and evaluation. Recordings of simulation activities will be used for educational purposes and will not be published without learner consent.

Recordings of graded simulation activities will be kept for 2 years following the end of the course per [Binghamton University policy](#). All other recordings will be deleted after the simulation activity is complete unless specific consent is obtained for use beyond the activity.

Participants agree to adhere to the following guidelines:

- Learners will engage in and participate in the experience fully as a professional and treat simulation as a realistic patient care experience.
- During simulation activities, participants are committed to a supportive environment and agree to refrain from demeaning, mocking, or negative conduct whether verbal, written, or body language, about any participant's actions, thoughts, or behaviors before, during, or after the simulation.
- Simulation activities may include observers. As an observer, participants may be watching via a live video feed or recording of the activity. Participants will be expected to observe as a professional and to participate fully during the debrief session.
- Observers will not attempt to help or interfere in any way with a simulation in progress.
- Inappropriate viewing, discussion, or disclosure of the simulation experience outside of the simulation lab will be considered cheating and is a violation of Binghamton University Simulation Centers for Experiential Learning policy, and may be a violation of HIPAA and other state and federal laws. Any cheating will result in disciplinary action.

Students with Disabilities

Our simulation faculty and staff are committed to providing accessibility support and equitable access accommodations for students with disabilities. Students with documented disabilities through the [Services for Students with Disabilities](#) office will be offered appropriate accommodations to meet the objectives of the simulation activity. Students must notify faculty in advance in accordance with SSD policy.

Psychological Safety Policy

Simulation activities are known to cause stress or anxiety in some participants due to the environment, the situation, or the subject matter. It is our goal to create a safe learning environment for all participants.

Participants who anticipate difficulty participating fully in an activity are instructed to notify lead faculty 1 week in advance of the simulation.

In the event, a participant in a simulation activity is experiencing significant distress, the participant will be given the opportunity to leave the activity, will be counseled by a faculty member, and referred to the CARE Team.

Faculty and staff who are concerned for a student will fill out a [CARE Team Referral](#).

Successful completion of the activity objectives will be decided on a case by case basis.

Physical Safety Policy

General

The Health Sciences Campus is accessible by badge access only. All simulation faculty, staff, and participants will be instructed on safety protocols prior to activities.

Any damaged equipment or potentially dangerous circumstances will be reported to simulation staff.

Sharps containers will be handled as biohazard materials and disposed of by personnel at the Office of Occupational Health and Safety.

All ISPC equipment and supplies are intended for simulation use only. No animal or human biological products are permitted.

Universal Precautions

Handwashing or use of hand sanitizers is recommended at the beginning of each session.

Personal protective equipment will be utilized to prevent the spread of communicable diseases. Follow the University policies related to illness.

Emergencies

Non-Medical Emergency

In the case of a non-medical emergency, University Police should be notified. If necessary and possible, individuals will be escorted to areas that can be secured. In the case of an emergency during a simulation, the safety phrase **"This is not a simulation"** will be announced and all activities will be stopped immediately.

ISPC Specific

The red phone in the hallway near room 207 will call directly to the campus emergency operator. 911 is also available on campus to reach the University Police. An emergency button is available under the desk in office HSB 224A.

SOPPS Specific

911 is available on campus to reach the University Police.

Medical Emergency

ISPC Specific

For a medical emergency, ISPC faculty/staff will follow these steps:

1. Call campus emergency services, Harpur's Ferry at 607-777-2222 or 911.
 - a. On the second floor of the Health Science Building, there is a red phone located in the hallway near room 207. This phone is a direct line to emergency services and should only be used for ISPC emergencies.
 - b. State your location as **Health Science Building, 48 Corliss Ave, second floor.**
 - c. An emergency box is located in the lobby of the second floor of the Health Sciences Building. The box contains the following:
 - i. AED (upon opening AED, a call will be placed to local emergency medical services)
 - ii. Bleeding Control Kit
 - iii. Opioid Overdose Treatment
 - d. Medical interventions beyond first aid will be handled by emergency medical personnel. ([See Office of Provost Faculty/Staff Handbook](#))
 - e. **Medical equipment in the ISPC is not for patient use.**
2. Notify the most senior ISPC staff person available and administrative assistant.
 - a. These individuals will notify appropriate persons in the Health Sciences Building.
3. The staff or faculty person involved in the incident should fill out both the [Decker Student Incident Form](#) and the [Employee Accident Report Form](#) for all medical emergencies.

SOPPS Specific

For a medical emergency, Simulation Faculty/staff will follow these steps:

1. Call campus emergency services, Harpur's Ferry at 607-777-2222 or 911.
 - a. State your location as **SOPPS 96 Corliss Ave, second floor.**
 - b. Emergency boxes are located in the Pharmacy Building on floors 1, 2, 3 and 4 outside the elevator. Each box contains the following:
 - i. AED (upon opening the door where the AED is located, a call will be placed to campus police)
 - ii. Bleeding Control Kit
 - iii. Opioid Overdose Treatment

- c. Medical interventions beyond first aid will be handled by emergency medical personnel. ([See Office of Provost Faculty/Staff Handbook](#))
 - d. **Medical equipment in the Simulation Center is not for patient use.**
2. Notify the most senior simulation staff person available and the administrative assistant.
 - a. These individuals will notify appropriate persons in the Pharmacy Building.
3. The staff or faculty person involved in the incident should fill out the [Employee Accident Report Form](#) for all medical emergencies involving faculty, staff or students.

Medical, Non-Emergency

For non-emergent medical issues, the individual will be encouraged to seek care from their provider.

The staff or faculty person involved in the incident should fill out the [Employee Accident Report Form](#) for all **non**-medical emergencies involving faculty, staff or students.

1. The Employee Accident Report Form needs to be filled out for students, faculty, and staff.
2. The Employee Accident Report Form needs to be filled out within 3 days of the incident
3. Retain a copy for personal files. Forward the original to the appropriate supervisor who will complete their portion.
4. Supervisors are to forward the original to Human Resources, with a copy to the Environmental Health and Safety Office (EH&S)
5. More information on filling out the Employee Accident Report Form can be found [here](#).

ISPC Specific

The staff or faculty person involved in the incident should also complete the [Decker Student Incident/Accident Form](#)

SOPPS Specific

[SOPPS Exposure Incident Policy](#)

Equipment and Supplies

Use

- Hands must be washed with soap and water before using simulators or task trainers.
- No markers, ink pens, acetone, iodine, or other staining materials/medications are to be near the simulators at any time.
- User training is required for task trainers and simulators prior to use.
- Simulation staff are solely responsible for the transfer of manikins and equipment following training.
- The simulators should never be cut or physically altered. All surgical sites have been provided by the manufacturer.
- Be careful of all mechanical connections when repositioning the manikin.
- No mouth-to-mouth respirations are allowed when performing CPR in simulations or training.
- Report any manikin or equipment malfunction or maintenance/upkeep problems as soon as they are recognized to simulation staff.
- All working hospital equipment in simulation areas are labeled “For Simulation Use Only”.

Equipment Loans

- High and mid fidelity simulators will not be allowed to leave the University.
- Simulation computers and AV equipment may not be used without simulation staff supervision
- All loans of simulation equipment require prior approval.
- The requester is responsible for ensuring proper use and return of said equipment.
- Appropriate training for equipment is required.
- Lost or broken equipment will be the responsibility of the person that signed out the materials.

University faculty/staff/students:

- Complete the [IPSC Equipment Loan Form](#) or [SOPPS Equipment Loan Form](#).
- The request must be received at least 1 week in advance of date.

All others:

- Follow steps for University faculty/staff/students.
- Complete the [IPSC Equipment Loan Agreement](#) or [SOPPS Equipment Loan Agreement](#) prior to equipment use.

Simulation staff will review the request and notify the applicant of approval/denial within 48 business hours. Simulation staff lending equipment will notify appropriate personnel of loan details.

Equipment returns must be scheduled at the time of pick up.

Equipment must be returned to the person from whom the equipment was borrowed.

Maintenance

All equipment is inspected yearly.

Records of maintenance and repairs are maintained by designated simulation staff.

Storage

Supplies, task trainers, simulators and simulated medications are stored in locked areas when not in use. Access is restricted to simulation staff.

ISPC Specific

Inventory is maintained quarterly and stored on the shared Google drive (ISPC Team, Equipment) and shared with ISPC staff and the Asst. Dean of Finance.

Simulated Medications

All medications and supplies used in simulation are designated “*for simulation use only*”. All simulated medications are labeled as such. Simulated medications are locked at all times when not in use.

ISPC Specific

No real medications are used or stored in the ISPC.

Biohazardous Material

All sharps are disposed of in labeled sharps containers. Full sharp containers are disposed of according to Binghamton University policy.

Scheduling and Prioritization

Scheduling of activities is determined through collaboration with ISPC leadership and course lead faculty, taking into consideration course schedules and modality.

ISPC Specific

Requests for all activities require prior approval.

The ISPC will attempt to resolve scheduling conflicts in a timely manner. The ISPC staff will work with the requester(s) to resolve the conflict. ISPC activities, space, supplies, equipment, task trainers, and simulators are prioritized as follows:

1. Decker College course activities that support meeting accreditation standards
2. Established Decker College course activities
3. New Decker College scheduled course activities submitted by applicable deadline
4. Established course activities with University partners
5. Established activities for external users
6. New ad hoc Decker College activities
7. New activities for external users

The [ISPC calendar](#) is openly available and posted in the ISPC enduring course in the University's LMS. We use the calendar invitations to confirm dates/times/rooms, etc. It is the responsibility of the person making the reservation to confirm accuracy of the activity needs.

SOPPS Specific

The SOPPS Skills Lab uses a Google Calendar to manage space reservations. Requests are directed to the Skills Education Associate, [Andrea Snyder](#).

In the event of a cancellation, notification must be made in writing at least 24 hours in advance.

Simulation and Activity Development

For all activities, the scenario writer will retain authorship credit. The Binghamton University Simulation Consortium retains the right to use any scenarios developed for simulation-based experiences.

It is the responsibility of the content expert in the associated course to ensure that the activity is 1) aligned with course objectives; 2) meets the standards for their discipline; and 3) is reviewed and updated yearly to ensure the content meets current clinical standards of care.

It is the responsibility of the simulation faculty to ensure new activities align with the Healthcare Simulation Standards of Best Practice.

ISPC Specific

The Learning Activity Development Process for all Decker College programs is documented [here](#).

New scenarios are required to be completed and submitted to the simulation leadership (simulation@binghamton.edu) at least two months prior to a new simulation activity.

Design templates for specific programs:

- Undergraduate nursing: [ISPC simulation design template](#)
- APRN: [Simulation Activity Form](#)
- Physical Therapy: [ACAPT simulation scenario template.docx](#)

SOPPS Specific

SOPPS skills lab staff work collaboratively with SOPPS faculty to plan and develop new simulation activities. New simulations are discussed during course planning, in collaboration with the department of Pharmacy Practice and the Curriculum Committee to capture curricular gaps. Each faculty member will work closely with at least one skills lab staff member following the Activity Development Process.

Inter-Rater Reliability

Summative activities require all grading faculty to complete an inter-rater reliability process prior to releasing activity grades.

The inter-rater reliability process includes the following:

- Review of the rubric for the activity by course faculty to ensure reflection of current best practices and application to the course objectives.
- For recorded activities, each grader watches and grades a video recording of a previous year's activity, if available.
- For in person activities, novice graders will collaborate with an experienced grader prior to independent grading.
- The graders meet to review individual grades and come to a consensus on grading for current year's activity.
- Prior to posting grades, any unsuccessful attempt should be validated by course faculty.

Activity Guidance

Experiential activities are an integral part of clinical education at Binghamton University. Participation in experiential activities is mandatory to meet course objectives. Experiential activities include simulation and deliberate practice.

Simulation-based education involves active participation and engagement in realistic clinical situations. This will involve experiential scenarios of patient situations and summative competencies of clinical skills and judgments. Simulation activities will either be recorded or observed in person. Recorded simulations may be reviewed during debriefing activities with simulation educators and participants, by the student for self-evaluation and reflection, and/or by course instructors for grading.

Summative simulations will be graded by course faculty using a rubric that is available to students prior to the experience.

Deliberate practice is a process for teaching clinical skills and judgment. Deliberate practice includes pre-work introducing the skill(s), guided practice and then independent practice with stepwise instructions for the skills to increase proficiency.

Expectations/Guidelines

It is expected that all participants complete required pre-work prior to arriving for experiential activities.

Participants will arrive on time for all scheduled simulation events. Arriving late is cause for refusing admittance and will be reflected as unprofessional conduct in clinical evaluations.

For simulation activities, students are expected to follow program specific clinical uniform requirements.

All students will participate actively in simulation.

Cell phone use is prohibited unless otherwise stated while participating in simulation activities. No photos or videos may be taken without consent from simulation administration.

Educators reserve the right to refuse admittance to any individuals that are 1) unprepared for simulation 2) are disruptive to the learning environment.

Confidentiality

The premise of formative simulation is to establish a safe learning environment where mistakes are seen as an opportunity for reflection and growth to improve patient care and outcomes in clinical practice. As such, each participant is expected to maintain confidentiality and be respectful of their peers. Any and all activities including conversations that occur during the scenario or debriefing should not be discussed beyond the simulation environment with persons other than those present during the scenario.

Simulation educators are dedicated to supporting students to become competent and compassionate healthcare providers. During a formative scenario, if clinical performance concerns are revealed, the simulation educators will collaborate with course faculty regarding concerns and necessary remediation to support student success.

Summative simulations are graded and considered evidence of competency. Therefore, video recordings of summative simulations are available to grading faculty.

Each educator, student, and observer must follow the [Media and Confidentiality policy](#).

Occasionally outside individuals observe simulation activities. In the event of outside observer(s), students will be made aware of the observer and purpose for their attendance. All observers will be made aware of simulation confidentiality. A statement related to maintaining confidentiality will be stated in the presence of both parties.

Feedback

Feedback regarding experiential activities is encouraged. Issues that arise during experiential activities will be resolved by the simulation educator directly if possible. If the issue involves the simulation educator, equipment, or policies then simulation center leadership should be notified as soon as possible.

Experiential activities are followed by anonymous evaluation surveys each semester. Participation is encouraged for program improvement.

Remediation

Experiential activities are not a replacement for direct patient care experiences and are not appropriate to evaluate overall student competency.

For students that are experiencing challenges in the direct patient care setting, clinical instructors and/or coordinators are encouraged to contact the simulation center

administration to plan appropriate remediation and evaluative activities. Evaluation of student performance in such cases will be performed by the clinical instructor. If it is determined to be in the student's best interest for another person to evaluate the student's performance, the clinical instructor will seek guidance from the course coordinator.

Open lab hours are available for student practice at the ISPC. Appointments may be made via the Skills Education Associate or Director/Assistant Director at SOPPs.

Photography and Videography

Video recordings of simulation activities are captured using simulation capture software and/or University contracted lecture capture software.

Video recordings created with simulation capture software are stored on secure server(s) located in University designated server storage areas. Videos created using lecture capture software are stored on the secure cloud based storage system. They are accessible through faculty accounts secured with a password and the learning management system. Access to videos is determined by course faculty and course objectives. When students have access to their own or other student videos, instructions on use and confidentiality will be reinforced in writing within the assignment and verbally in class.

Videos that are part of a graded activity will be stored for 12 months following the completion of the course per [University Instructional Policy VII.C.4](#). However, in the case of clinical performance concerns, recorded simulations may be retained longer. Students will be notified of any concerns.

While the university owns all simulation videos produced and photos taken in simulation areas, participants will be given advance notice when and if their use is planned for promotional purposes.

If it is determined a simulation video has been downloaded without permission and/or published for public viewing, the student responsible for the incident will be subject to academic punishment.

Cancellation

If a participant is unable to attend a scheduled simulation event, the participant will contact the designated simulation and/or course faculty (refer to activity instructions) via email or phone prior to the start of the event.

Make up for a missed simulation activity will be coordinated at the discretion of the lead course faculty, clinical instructor, and/or the ISPC administration.

In the event that the University closes for severe weather or another emergency, the ISPC will send out an announcement to the participants via email or the learning management system as soon as possible. Rescheduling of the activity will be determined on a case by case basis.

Research

Binghamton University Simulation Centers for Experiential Learning are committed to contributing to the body of knowledge for healthcare simulation and positive patient outcomes.

All University policies and procedures are followed related to [research compliance](#). All researchers complete required human subjects training as required through the [Collaborative IRB Training Initiative](#). All research activities are approved through the University's IRB.

CRISP

Simulation related research at Binghamton University is housed within the Collaborative Research in Simulation and Practice (CRISP). CRISP includes faculty from any healthcare professional program interested in healthcare simulation research. Leadership of CRISP requires a PhD and expertise in healthcare simulation education.

CRISP meetings are scheduled at least once a semester with the simulation research team. The CRISP Director meets individually with primary investigators for projects as well.

At least annually, simulation research activities will be evaluated during the regular team meeting. Evaluation questions include:

- Is the research being implemented as originally intended?
- Is the research achieving the goals and objectives it was intended to accomplish?
- Is the research activity being conducted in compliance with IRB and/or other applicable protocols?
- Is the research being carried out with the appropriate use of resources including budget, staff time, and other simulation resources?

- Is the research activity reaching milestones and aims as intended?

If the simulation program's team feels the research activity is not performing at an acceptable level based on evaluation, the CRISP Director will meet with P.I. to discuss and develop an action plan.

Standardized Patients

Standardized patients (SPs) are utilized in simulation activities to support realism and participant learning. All SPs attend training prior to participation. Training is based on ASPE best practices for standardized practice including safe work practices, confidentiality, and respect for all people.