

**A CONTINUING EDUCATION SERVICE OF PENN STATE COLLEGE OF MEDICINE AND  
THE PENN STATE HERSHEY SIMULATION CENTER**  
**Teaching with Simulation: An Instructor Course Certificate Program**

**September 14-18, 2015**

**B5609-15-Y**

---

**PURPOSE/AUDIENCE**

Simulation is increasingly being integrated into almost every curriculum in institutions worldwide and the need for qualified instructors is growing quickly. Since most instructors who use traditional teaching methodologies need specific instruction in using simulation effectively, this course facilitates such training that has been, until now, costly, distant, and time consuming. Using simulation effectively is part science, part art, part experience, and a large part practice after reflective instruction. Faculty development impacts the effectiveness of any program, but has special significance for simulation programs that are now being realized and validated everywhere.

Due to the expanding role of simulation at Penn State Hershey and elsewhere, more trained instructors are needed to teach using simulation. This course offering, expanded and revised in accordance with requests from each of the previous course participant evaluations, will help to meet the need for additional simulation instructors. This course has been designed to develop professional staff to teach effectively using simulation.

**PHYSICIAN CREDIT**

Penn State College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Penn State College of Medicine designates this live activity for a maximum of 30.0 *AMA PRA Category 1 Credit(s)*<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**NURSING CREDIT**

30.0 contact hours will be awarded. Penn State Milton S. Hershey Medical Center, Nursing Education and Professional Development is an approved provider of continuing nursing education by PA State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

**DISCLOSURE**

Penn State is committed to offering CME programs which promote improvements or quality in health care and are developed free of the control of commercial interests. Faculty and course directors have disclosed all relevant financial relationships with commercial companies, and Penn State has a process in place to resolve any conflict of interest. Disclosure of a relationship is not intended to suggest or condone bias in a presentation, but is made to

provide participants with information that might be of potential importance to their evaluation of a presentation. The information presented at this CME program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, Penn State College of Medicine. Each participant must use his/her personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.

**ACCESS**

Penn State encourages persons with disabilities to participate in its programs. If you anticipate needing any type of special accommodation or have questions about the physical access provided, please contact Continuing Education in advance of your participation.

**FEES**

\$2,750

Certificate in Simulation Tuition includes:

- Comprehensive Program Book with Handouts
- USB Flash Drive with Course Files
- Hands-on Sessions
- T-shirt
- Certificate of Completion

**APPLICATION**

In order to provide the most effective education, the course is limited to 15 participants. Payment must be made within 7 days of registration. Registration will not be confirmed until payment is received.

**CANCELLATION POLICY**

Cancellations received later than August 10 will be assessed a \$100 processing fee. No refunds will be made for cancellations received later than August 31. The University may cancel or postpone any course or activity. If a program is canceled or postponed, the University will refund registration fees but is not responsible for any related costs, charges, or expenses, including cancellation/change charges assessed by airlines or travel agencies. Preregistered participants will be notified if a program is filled or canceled.

**ACCOMMODATIONS**

Accommodations are the responsibility of the participant. A list of lodging in the Hershey area is available on request or online at

[www.pennstatehershey.org/web/guest/patientcare/patientvisitorinformation/lodging](http://www.pennstatehershey.org/web/guest/patientcare/patientvisitorinformation/lodging).

## AGENDA

This course will include didactic and experiential learning, practice, and reflective feedback. Each participant will have the opportunity to assume the various roles of the simulation processes.

- Introduction to teaching with simulation and the Penn State Hershey Simulation Center...the fundamentals, the philosophy, and the scope of simulation
- Simulate the teaching experience...role-model some experts
- Simulation session with model debriefing...letting the learner figure it out
- The learner's perspective...taking risks, building the logic, owning the learning
- Design, development, and implementation of a simulation, and practice, lots of it
- Creating high-level learning objectives and activities for simulation
- Simulation and education theory
- Simulation strategies...do's, don'ts, tips, musts, controversies, and the 'difficult' participant
- Incorporating simulation into a curriculum...when to use simulation
- Types of debriefing
- Teamwork training and evaluation...advancing patient safety
- Using standardized patients
- Combining different types of simulation modalities
- Flat-screen simulation
- Coaching in skills acquisition
- Simulation theory and education research
- The future of simulation, the simulation community, organizations, and advocacy
- Instructor evaluation and continued development

## PROGRAM OBJECTIVES

Upon completion, participants should be able to:

### Day One: Monday September 14, 2015

- Verbalize key concepts and philosophy of teaching with simulation (experiential learning)
- Describe a safe learning environment to engage trainees in the simulation experience
- Recognize principles of adult learning and experiential learning theories
- Describe how to develop a simulation session from start to finish
- Describe the range of simulation modalities
- Develop a teaching session using simulation
- Evaluate learning

### Day Two: Tuesday September 15, 2015

- Apply simulation design and teaching principles to simulation cases
- Describe the process of working with the simulation center team to create a session

- Describe the various forms of team training
- Discuss using standardized patients for OSCEs and other simulations
- Discuss using simulation for assessment
- Evaluate learning

### Day Three: Wednesday September 16, 2015

- Apply simulation design and teaching principles to cases
- Discuss combining simulation modalities for optimal experiential learning
- Discuss incorporating simulation into a curriculum
- Describe the 'debriefing with good judgment' technique
- Describe the theory behind debriefing with good judgment
- Describe how coaching can be used when teaching with simulation
- Describe ways to evaluate teamwork and learning with simulation
- Evaluate learning

### Day Four: Thursday September 17, 2015

- Describe the link between theory and simulation education and research
- Describe another way to debrief
- Apply simulation principles to teaching cases
- Discuss simulation instructor assessment and development
- Apply simulation principles to a group flat-screen simulation disaster case
- Evaluate learning

### Day Five: Friday September 18, 2015

- Apply simulation principles to teaching cases
- Describe how flat-screen simulation can be used in healthcare education
- Describe how to approach the various participant responses
- Describe the professional simulation organizations and simulation advocacy
- Discuss simulation controversies
- Discuss the future of simulation
- Evaluate learning

## FOR MORE INFORMATION

If you have questions regarding content or location of course, please contact Sally Rudy at 717-531-5813.

If you have questions regarding application, please contact Margaret Clanagan at 717-531-6483.