

STEPS Simulation Certificate Program Summer Institute 2021

Day One, Tuesday June 1

Level I: Introduction to Simulation

TIME	PRESENTER	TOPICS	OBJECTIVES	Teaching Strategies
1:00 pm to 1:30 pm *All Scholars	Lee Ann Miller, EdD, CHSE	Welcome/ Overview	Welcome/Overview	
1:30 pm to 2:30 pm	Christy Barnhart, DHSc, MSN, RN, CHSE	Orientation to Simulation	* Identify opportunities for simulating real-world situations of the health professions.	Lecture/Interactive
2:30pm to 4:00 pm	Christopher Kiefer, MD Rusty Doerr, CHSE Lee Ann Miller, EdD, CHSE Adam Hoffman, CHSE	Simulation Modalities	* Specify the 4 modalities of simulation, differentiate their purposes. * Describe how simulation does not work for everything.	Lecture/Interactive
4:00 pm to 4:30	Rusty Doerr, CHSE	Applied Simulation Modalities	* Describe and Integrate modality knowledge in hands-on exercises.	Lecture/Interactive
4:30 pm to 5:00 pm *Sim Scholars Only	Daniel Summers, BSN, CHSE	Components of Simulation	* Identify the four components of simulation.	Lecture/Interactive

Day Two, Wednesday June 2

Level I: Introduction to Simulation

TIME	PRESENTER	TOPICS	OBJECTIVES	Teaching Strategies
3:00 pm to 4:00 pm	Dorian Williams, MD, CHSE	Assessment	* Describe what a learning management system is. * Specify the advantages of using a learning management system. * Describe how to incorporate learning management into simulation and assessment.	Lecture/Interactive
4:00 pm to 5:00 pm	Jason Craig, CHSE	Learning Objectives	* Identify measurable learning objectives and Identify complete case scenarios.	Lecture/Interactive

			<ul style="list-style-type: none"> * Identify the components of a SMART Learning Objective. * Specify the various components of a simulation scenario into a complete document. * Construct, as a group, a set of 3 properly formatted learning objectives for a simulation scenario using the prescribed criteria. 	
5:00 pm to 6:00 pm	William Tullock, MD, CHSE	Debriefing Intro	* Identify methods of providing feedback in a debriefing session.	Lecture/Interactive

TBA Fall 2021 Level II: Applied Techniques of Simulation Education

TIME	PRESENTER	TOPICS	OBJECTIVES	Teaching strategies
8:00 am to 9:00am	Jason Craig, CHSE	Objectives Workshop	* Construct 2-3 objectives for chest pain event with a manikin and a 3rd year nursing student.	Presentation/ Interactive
9:00 am to 10:00 am	Christy Barnhart, DHSc, MSN, RN, CHSE	Assessment Tools	<ul style="list-style-type: none"> * Choose a tool for assessing learner's progress and/or competency. * Utilize multiple assessment modalities to triangulate observations. 	Lecture/Interactive
10:00 am to 11:00 am	Christopher Kiefer, MD,	Writing a Case Scenario	* Explain knowledge of simulation modalities and write a case scenario which outlines the details of a learning activity.	Lecture/ Interactive
11:00 am to 12:00 pm	William Tullock, MD	Preparing for the Debriefing	<ul style="list-style-type: none"> * Construct open-ended questions related to the simulation experience. * Choose appropriate debriefing methods for the simulation experience. * Demonstrate techniques to monitor progress of debriefing. 	Lecture/ Interactive
12:00 pm to 1:00 pm	LUNCH			
1:00 pm to 2:00 pm	Jason Craig, CHSE	Run a Simulation	* Prepare the simulation operator.	Interactive

	Adam Hoffman, MCCP William Tullock, MD Christopher Kiefer, MD		* Prepare the learners. * Demonstrate the role of instructor during a simulation.	
2:00 pm to 2:30 pm	William Tullock, MD Christopher Kiefer, MD	Run a Debriefing	* Explain the simulation experience.	Interactive
2:30 pm to 4:00 pm	William Tullock, MD	Reflecting on our Simulation Event	* Describe as a Whole Group debriefing/evaluation and integration of feedback from STEPS. * Assess each other's group with peer feedback.	Presentation/ Discussion

TBA Fall 2021 Level III Advanced Topics in Simulation

TIME	PRESENTER	TOPICS	OBJECTIVES	Teaching Strategies
8:00 am to 8:30 am	Russell Doerr, EMT-P, CHSE	Manikins and Technology Tricks	Discover the intricacies of utilizing technologies to set up and perform a manikin or task training educational scenario.	Presentation/ Interactive
8:30 am to 9:00 am	Adam Hoffman, MCCP	Hybrid Simulation	* Define task trainers into sim activities HO.	Presentation/ Interactive
9:00 am to 10:00am	Dorian Williams, MD, CHSE	Difficult Sim Situations: To die or not to die	* Discuss the pros and cons of simulator death. *	Lecture/ Interactive
10:00 pm to 11:00 pm	Christopher Kiefer, MD	Difficult Sim Scenarios—What do you do when it all goes off the rails?	* Cite realism to increase learner engagement. *	Interactive
11:00 am to 12:00 pm	Christopher Kiefer, MD	Simulation Creation Workshop	* Prepare manikin simulation #2.	Interactive

12:00 pm to 1:00pm	LUNCH			
1:00 pm to 2:00 pm	Christopher Kiefer, MD	Simulation Creation Workshop	* Prepare manikin simulation #2.	Interactive
2:00 pm to 3:30 pm	All	Conduct Simulation #2 Objectives	<ul style="list-style-type: none"> * Prepare the simulation operator. * Prepare brief the learners. * Adopt the role of instructor during a simulation. * Describe the simulation experience. 	Interactive
3:30 pm to 4:00 pm	Daniel Summers, BSN, CHSE Dorian Williams, MD, CHSE	Wrap up, Debrief and Evaluation	* Critique, Evaluation focus group, Graduation certificates.	Discussion/Interactive