**Improving Simulation Instructional Methods (iSIM) #7016**

**February 10th-11th, 2022**

WISER Center

230 McKee Place

Suite 400

Pittsburgh PA, 15213

**Overview and Objectives**

The goal of Improving Simulation Instructional Methods (iSIM) is to introduce fundamental skills and abilities for delivering simulation-based healthcare education through a variety of techniques and technologies. The program emphasizes hands-on activities and active participation to maximize simulation-based instruction skill acquisition. Through these hands-on activities and interactive debriefing sessions, the attendees will accomplish the following course objectives:

By the end of this course the participants should be able to:

* Identify fundamental facilitation skills
* Identify fundamental debriefing skills
* Identify the key factors to effective scenario design
* Identify key factors to effective scenario assessment

**Who Should Attend**

The primary audience for this course are healthcare educators wishing to improve their skills as instructors in simulation education.

**Continuing Education Credit**

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of ***15*** AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses attending this program will receive a Certificate of Attendance confirming **15** hours of continuing education in a CME accredited program.  These hours may be considered eligible for completing the 30 hours of continuing education required for biannual nursing re-licensure in Pennsylvania.

**Agenda**

**Day 1**

**Time Activity**

**8:00 - 10:15am** Practical Exercise in Healthcare Simulation, Key Components for Successful Simulation, Design & Development Tools for Simulation Construction

**10:15 – 10:30am** Break

**10:30 - 11:30am** Scenario Design 1.1 – Objectives & Modeling, Scenario Environments, Fidelity & Equipment, Scenario Design 1.2 – Environments, Equipment, People & Props

**11:30 – 12:30pm** Lunch

**12:30 - 1:15pm** Teaching with Simulation, Scenario Design 1.3 – Assessment & Feedback, Meet with the Simulation Specialist

**1:15 – 1:30pm** Break

**1:30 - 5:00pm** Scenario Design 1.4- Implementation & Evaluation, Discussion, Post Course Evaluation

**Day 2**

**Time Activity**

**9:00 - 10:15am** Key Case Presentation- Standardized Patient Simulation, Design & Development of Non-Computer Based Simulations, Scenario Design 2.1- Objectives & Modeling- Task Training & SPs

**10:15 – 10:30am** Break

**10:30 - 11:30am** Assessment, Debriefing & Testing, Scenario Design 2.2 – Environments, People & Props for non-comp driven Simulations

**11:30 – 12:30pm** Lunch

**12:30 - 1:15pm** Scenario Design 2.3 – Assessment & Debriefing, Meet with the Simulation Specialist

**1:15 – 1:30pm** Break

**1:30 - 5:00pm** Scenario Design 2.4 – Implementation & Evaluation, Discussion, Post Course Evaluation

**Faculty Listing**

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| **Course Directors:**  **Paul Phrampus, MD**  Director of the Peter M. Winter Institute for Simulation, Education and Research (WISER) in the Department of Anesthesiology at the University of Pittsburgh School of Medicine  Associate Professor in the Departments of Emergency Medicine and Anesthesiology  Pittsburgh, PA | **John M. O'Donnell, RN, CRNA, MSN, DRPH**  Professor and Chair, Department of Nurse Anesthesia  Director, Nurse Anesthesia Program  Associate Director, WISER  Nurse Anesthesia  Pittsburgh, PA |
| **S. Barry Issenberg, MD**  Michael S. Gordon Professor of Medicine and Medical Education, Director of the Gordon Center for Research in Medical Education, and Senior Associate Dean for Research in Medical Education at the University of Miami Miller School of Medicine  Miami, FL | **Geoffrey T. Miller, MS, MS, EMT-P**  Assistant Professor, School of Health Sciences  Director of Simulation Research and Technology,  Sentara Center for Simulation and Immersive Learning  Eastern Virginia Medical School  Norfolk, Virginia |
| **Jeffrey Groom, PhD, CRNA**  Associate Dean and Clinical Professor for the Simulation Hospital and the International Academy for Clinical Simulation and Research  University of Miami School of Nursing and Health Studies | **Benjamin Berg MD**  Director of Simulation at SimTiki  John A Burns School of Medicine  U of Hawaii at Manoa |
| **Course Instructors:**  **Paul Phrampus, MD**  Director of the Peter M. Winter Institute for Simulation, Education and Research (WISER) in the Department of Anesthesiology at the University of Pittsburgh School of Medicine  Associate Professor in the Departments of Emergency Medicine and Anesthesiology  Pittsburgh, PA | **John M. O'Donnell, RN, CRNA, MSN, DRPH**  Professor and Chair, Department of Nurse Anesthesia  Director, Nurse Anesthesia Program  Associate Director, WISER  Nurse Anesthesia  Pittsburgh, PA |
| **Tom Dongilli, AT, CHSOS**  Director of Operations, WISER  Pittsburgh, PA |  |

**Faculty Disclosure**

**Disclosures:**

The following relevant relationships were with any proprietary entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients were disclosed:

• John O’Donnell

No other planners, members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships to disclose.

**Disclaimer Statement**

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, the UPMC Center for Continuing Education in the Health Sciences, UPMC / University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own 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.