

***Leadership in Simulation Instruction and Management Certificate***

Robert Morris University is offering a graduate level, nine credit *Leadership in Simulation Instruction and Management* certificate. Simulation involves re-creating the reality of the healthcare setting using computerized mannequins, task trainers or trained actors to play the role of the patient, and allows for controlled and standardized conditions for education, research and training purposes. This interactive learning strategy is a revolutionary approach for educating healthcare providers across all levels, in both academic and service settings. The health sciences certificate program will prepare health science educators to plan and implement evidence-based simulation instruction and to manage simulation teaching/ learning systems. The *Leadership in Simulation Instruction and Management* certificate curriculum is designed for the working adult professional and includes the following 8-week-online courses:

**Leadership in Simulation Facilitation and Instruction** (3 credits) – this course explores the most current evidence surrounding simulation education, models for scenario design, standards for best practice, and elements related to debriefing, evaluation, and research. Participants will engage in reading assignments, audio visual presentations, interactive learning components, and interactive educational leadership activities.

**Organizational Leadership and Management Concepts in Simulation** (3 credits) – this course incorporates information related to strategic planning, budgeting, creating a mission/vision, organizational change theory, emotional intelligence, generating buy-in from colleagues and administrators, research funding priorities, and effective management techniques. Participants will engage in reading assignments, interactive learning components and concepts related to leading and managing a successful simulation program, either in the academic or practice setting.

**Innovative Trends in Health Care for Simulation** (3 credits) – After completing the two prerequisite courses (*Leadership in Simulation Facilitation and Instruction* and *Organizational Leadership and Management Concepts in Simulation*), students will explore innovative trends in health care and examine concepts from the IOM report, QSEN Competencies, TeamSTEPPS® team training concepts and licensure regulations. Participants will complete a final project that will incorporate content from all three courses.

**Who Should Enroll?**

The post-baccalaureate certificate is designed for English-speaking health sciences educators using simulation instructional techniques in the academic or practice setting. Educators may include nurses, pharmacists, physical and respiratory therapists, physicians, health facility administrators, and other health care providers.

**Purpose and Objectives**

The purpose of this graduate level certificate is to offer health sciences educators the opportunity to gain current knowledge and experience in techniques related to simulation facilitation, instruction, and leadership. Participants will be able to:

- Demonstrate effective simulation facilitation/instructional strategies
- Integrate standards for best practice within your simulation program
- Incorporate simulation measurement and evaluation strategies to enhance program outcomes
- Determine priorities for funding of simulation research projects
- Identify leadership strategies to enhance success of a simulation program
- Utilize innovative trends such as TeamSTEPPS® teamwork training in designing experiences
- Explore technologies appropriate for use in a simulation laboratory

**Course Schedule**

This certificate program will be offered two times a year, beginning Spring 2012 and Fall 2012.

### Tuition

\$450 per credit

### Admission Criteria

- Earned Baccalaureate Degree in a Health Sciences Discipline with QPA 3.0 or above (exceptions will be considered)
- Transcripts Required
- 250 word essay describing program interest and associated goals

*Submit your application now at [www.rmu.edu/applynow](http://www.rmu.edu/applynow)*

*Contact Dr. Valerie Howard for more details: [howardv@rmu.edu](mailto:howardv@rmu.edu) or 412-397-3846*