

Virtual Simulation in Nursing, Physical Therapy and Pharmacy Education: Considering an Approach to Strengthen and Expand Clinical Experience STAKEHOLDER MEETING

January 31, 2013 10:00 am – 2:30 pm Regis University 3333 Regis Blvd, Denver, CO 80221 Clarke Hall, Room 139

MEETING OBJECTIVES

- Foster shared understanding about what constitutes virtual simulation and its value as part of health professions education and in particular, clinical education
- Understand needs and priorities across Colorado educational institutions for using virtual simulation to augment clinical placements as part of Colorado nursing, physical therapy and pharmacy curricula
- Understand the kinds of supports that would benefit schools and how schools view the value-proposition of a Colorado Center
- Assess the preliminary level of interest by the schools to participate in a collaborative initiative led by Regis to develop a Colorado Center

AGENDA

10:00 AM GETTING STARTED

- Welcome and introductions
- Meeting objectives and agenda

Susan Scherer, Associate Dean, Rueckert-Hartman College, Regis University Lynn Dierker, RN, Health Management Associates

10:15 AM THE CASE FOR VIRTUAL SIMULATION TO TRANSFORM CLINICAL EDUCATION IN COLORADO

- Urgent broad and local imperatives for change
- Momentum for simulation and health care education
- The potential of technology and virtual gaming for clinical education

Lynn Dierker Susan Scherer

Jeff Getchell, Director of Technology, Rueckert-Hartman College, Regis University

10:45 AM APPROACH TO INNOVATION: DEVELOPING SIMULATION RESOURCES FOR COLORADO

A multi-faceted feasibility study, sponsored by The Colorado Health Foundation

- Regis faculty self-assessment, rationale and prioritization for simulation
- Preliminary conceptual model for a collaborative approach via "Center"
- Assessing stakeholder interest and support for further development

Susan Scherer

11:15 AM **BREAK**

11:30 AM WORKING LUNCH – CONSIDERING COLORADO'S READINESS AND INTEREST

Key themes from conversations with national leaders, Colorado faculty and program directors about current clinical education, uses of simulation and views about expanding simulation for clinical education

Lynn Dierker

12:00 PM YOUR INPUT - WORKING COLLABORATIVELY TO PURSUE PRIORITIES FOR GAME-BASED SIMULATION

Discussion Session I

Participants will discuss a series of issues and questions related to changing how clinical education occurs in Colorado to incorporate more virtual simulation, including gamebased simulations. Discussion will seek to elicit participant input regarding:

- Current gaps in clinical education and the potential for virtual simulation and game-based education to improve the acquisition of clinical competencies.
- Thoughts about how virtual simulation including gaming could be integrated into clinical hours, including where and how virtual simulation would relate to components of current clinical rotations
- Content areas that should be considered as priorities for development

1:00 PM Break

1:15 PM **Discussion Session II**

Participants will next discuss a series of issues and questions related to time, effort, costs, potential barriers and perceived value from collaboratively developing the proposed simulation resources. Discussion will target issues including:

- What barriers prevent more effective and expanded use of simulation
- Supports for faculty and students that will be necessary for schools to successfully integrate new teaching and learning approaches as part of program curricula.
- Technology issues for schools to support expanded computer-based learning
- Issues for rural versus urban schools
- How would schools evaluate costs and measure the return on investment from integrating virtual simulation including gaming as part of clinical education?

2:00 PM MOVING FORWARD: CONSIDERING A COLORADO CENTER FOR VIRTUAL HEALTHCARE EDUCATION

In addition to reviewing key take-aways from the afternoon's discussion, information will be provided about the next phase of the feasibility study. Assuming that the study moves forward to evaluate options for establishing a collaborative effort, participants will be asked for initial reactions to a proposed conceptual model for a Colorado center. Input will be solicited regarding interest, information needs and recommendations for stakeholder engagement.

Susan Scherer

2:30 PM **CLOSE**