



# Medical Education Simulation Center University of California Irvine

September 2013

Issue 1



## New this Academic Year

MS 2 Microbiology Simulation

MS 1 Biochemistry Simulation

MS 2 Neuroscience Simulation

## Recent/ongoing Research

Simulation Stress Study Pilot

Sedation Study Pilot

Emergency Medicine BLS Study

Time-out

Code Training/ART

## Simulation Center Undertakings

This is a busy time of year in the School of Medicine as the new academic year has just started. We have developed three (3) new courses for the medical students this year: Microbiology, Biochemistry, and Neuroscience. These new simulation sessions are designed to take the didactic information and knowledge and let the students apply them clinically in a safe setting. We are also currently developing/re-tooling a simulation programming course, simulation operations planning and management course, and curriculum development course that we will eventually submit for CME approval.

We have also joined forces with Sue Ahearn, Clinical Skills Center, in submitting an application for a podium presentation for the January 2014 International Meeting on Simulation in Healthcare (IMSH) held in San Francisco, CA to discuss integrating simulation into Objective Standardized Clinical Exam (OSCEs).

### **Dr. Asif Rahman**

The Medical Education Simulation Center is pleased to welcome Dr. Asif Rahman as our 1-year Emergency Medicine Simulation Fellow. Over the course of the year Dr. Rahman will assist the simulation center in instructing and facilitating medical student and resident education. Please welcome Dr. Rahman when you see him.



Cameron Ricks, MD  
Director, Medical Education Simulation Center

## Simulation Center Tardiness Policy

Because this is a new academic year, we would just like to re-iterate the center policy

### Rationale

An orientation to the simulation space and equipment is an essential part of the simulation curriculum and session. An orientation is conducted at the beginning of every session for reasons of safety, adaptation to environment, center/session rules, and any specific session-specific information. Having students arrive after orientation has been concluded, is not only a safety concern, but is disruptive to the other students and instructors, and also has the potential cause for the session to not complete a number of terminal and/or enabling objectives.

### Policy

The UC Irvine Medical Education Simulation Center's policy of student

## Recent Events

**July 17**-Twelve medical students from Beijing, China toured the simulation center and experienced simulation

**Aug 1** – Dr. Asif Rahman started his 1-year EM simulation Fellowship

**Aug 20** – 24 Int'l medical students from Spain toured and took part in medical simulation

**Sept 20** – UCI Assoc. of Volunteer Clinical Faculty Fall Event. Twenty-five faculty and families toured and experienced medical simulation

**Sept 21** – UCI School of Medicine Alumni toured the simulation center

**Sept 24** – Simulation Center hosted the School of Nursing for their Nursing Boot Camp session. Approx. 50 nursing students attended.

**We are on  
SharePoint!**



SharePoint Directory

The Simulation Center has recently added a SharePoint page to keep faculty and staff informed of news and events that affects the simulation center. This will also be a repository of simulation articles and other things related

tardiness is such that if the student is sufficiently late that they miss the entire simulation orientation, then the student will be directed to return to their service/department for further instructions. If the student arrives during the simulation orientation, then he/she will be allowed to stay.

## **Maintenance of Certification in Anesthesia (MOCA®)**

The Medical Education continues to be endorsed by the American Society of Anesthesiology (ASA) to provide MOCA courses as part of the certification process for anesthesiologists around the country. Currently, the simulation center offers this course once a month.

## **Simulation Instructor Training Course**

This course is very popular and a requirement to instruct at the simulation center. This 2-day course is designed to combine elements of theory, practice, and immersive experiential learning focusing on simulation as a teaching tool. The course will allow participants to learn about the history, context, and theory of patient simulation, debriefing strategies, and designing simulation curriculum. Participants will also have the opportunity to apply skills learned through deliberate practice.

The next course is scheduled for March 31<sup>st</sup> & April 1<sup>st</sup> 2014

If you have faculty in your department that wish to add simulation instruction to their portfolio, please contact our office to be scheduled

## **From the Desk of Director of Operations**

I would like to say thank you to all the warm welcomes that I have received over the last few months as I transition in to this institution. Many of you know, I retired from the U.S. Air Force in June 2012, and managed a simulation center in Baltimore, MD shortly before heading out west and being afforded this great opportunity to become part of the UCI family. I hold an MBA, Bachelors in Emergency Management, Bachelors in Business Administration, and an AA in Allied Health Sciences.



My staff and I look forward to working with each of your programs.

A handwritten signature in black ink, appearing to read 'Keith A. Beaulieu'.

Keith A. Beaulieu, MBA

Director of Operations, Medical Education Simulation Center

### ***Strategic Planning***

The Medical Education Simulation Center continues to work on developing our strategic plan after our strategic planning summit in June 2013. We appreciate all of your help, attendance, interest, and feedback.

### ***Skin Replacement Costs***

On July 12, 2013 The Simulation Education Center began charging all departments for replacement skin modules that are being used during the simulation and/or course sessions. This has been a previously free service, but has now changed in

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light of budgetary constraints and conversations with the dean's office and SOM. This is a nominal (at cost) fee to ensure that we can provide you with trainers that are functional.

## 2012-2013 Academic Year Center Highlights/Statistics

- 612 sessions/educational activities
- 4,612 students/learners trained
- 69,180 Student Contact Minutes

Received accreditation by Simulation Endorsed Network to provide Maintenance of Certification training

Became part of the Surgical Education Center's Accredited Education Institute from the American College of Surgeons

Developed and trained inter-professional simulation instructor course to Australians

Developed and implemented Simulation Operations and Programming courses for participants in Australia

Assisted in the development and implementation of a weeklong simulation and ultrasound boot camp for medical students at the University of New England

Received CME accreditation for 3 courses

Hosted two preceptors from University of New England for a two week period  
Implemented simulation/standardized patient OSCE's for MS3

Dr. Suzanne Strom, Associate Director of the center, and Ceci Canales, Director of Operations for the center, taught simulation with other instructors from around the country at the annual meeting of the American Society of Anesthesiologists in Washington, DC.

Awarded as a course site by National Association of Emergency Medical Technicians



Simulation Specialist John Vicente discusses ultrasound to a member of the volunteer clinical faculty during an event on Sept. 20.  
Photo credit - AVCF



Simulation Specialist Cris Hanacek explains airway to children at the Association of Volunteer Clinical Faculty Fall Event.  
Photo credit - AVCF