



UC Simulation

5/1/2015

Issue 6

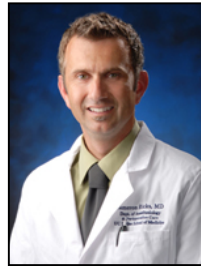
Director

Cameron Ricks, MD

Medical Education Simulation Center

Happy May everyone!

The Medical Education Simulation Center is wrapping up the 2014-2015 academic year for the medical students. As in previous years, the simulation sessions that link the basic science courses with clinical environment have received some of the highest student ratings in the School of Medicine.



UC Irvine Medical Education Simulation Center

836 Health Sciences Rd.
Ste. 2118
Irvine, CA 92697

949-824-8835

medsim@uci.edu

The School of Medicine has been undertaking curriculum reform process and it looks like the medical simulation role will increase this upcoming academic year. In fact, we are currently projecting an additional 4 hours of medical simulation for MS 1 year, and 2 hours for the MS 2 year.

Our Director of Operations continues to establish the UCI brand to the simulation world. He recently was selected and completed an accreditation site review in Indiana for the Society for Simulation in Healthcare. He was also selected to be part of the working group that will review the current assessment standards and offer suggestions/revisions to the accreditation board.



NOTICE

As of 1 July 2015 the Medical Education Simulation Center will no longer provide the American Heart Association (AHA) HeartCode© Pediatric Advanced Life Support (PALS) course.



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We welcome Dr. Mark Langdorf in the position of Senior Associate Dean of Medical Education. Dr. Langdorf has been a familiar face at the School of Medicine and the simulation center for a number of years.

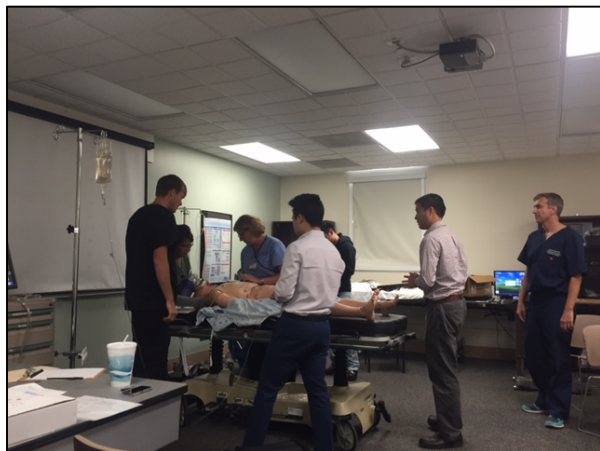
This year we will see some staff reshuffling. We say goodbye to Catarina DeCarvalho, our administrative assistant who has taken a position at the UCI School of Education and Cris Hanacek, our simulation specialist who will be starting his post-bacc program in August. Both of these individuals committed 100% to providing a quality medical simulation product for all customers. They will be missed but we are extremely grateful that we have had the opportunity to get to know them. We wish them the best.

I hope everyone has a great summer



Cameron Ricks, MD
Director, Medical Education Simulation Center

*Inter professional Simulation based Team Training
(AKA Code Training)*



**UCI Medical Center, Building 50,
Simulation Based Team Training (SBTT)**

Listed are the upcoming inter-professional code training dates presented by the Medical Education Simulation Center.

**May 28, 1pm-3:30pm
June 16, 1pm-3:30pm**

Simulation-Based Team Training at UCIMC Academic Year to Date

Total Sessions: 8
Total learners Jul – present: 52
Total learner hours: 130
Avg. learner/session: 6.5

Total Sessions since Inception: 18
Total Learners since Inception: 114
Total learner since Inception: 285
Avg. learner/session: 6.7

Director of Operations—

Keith A. Beaulieu,
Medical Education
Simulation Center



Budget and Planning

The draft budget was submitted to Medical Education at the tail end of March and the process of finance meetings are occurring between Medical Education and the Dean's office.



Medical asked us to trim our budget for 2014-2015, and we made that mark.

As the medical student curriculum starts to wind down, the program office is looking ahead toward next August. We have been asked to expand our role in the curriculum and are planning on adding eight (8) more hours of simulation activities.

The simulation staff has dedicated curriculum and planning time set aside the first part of June to lay out the framework of what needs to be accomplished and ready for August when the student to use our facility.

Audio/Visual

The majority of our audio/visual challenges that we've had in the past have resolved. We continue to have Revo mic pairing issues. We have blocked out time at the tail end of May for the A/V company to bring the RevoLabs representative/engineer out to trouble shoot.

Scheduling

As of this moment, we are still in a holding pattern for non-medical student scheduling, because the curriculum is not finalized by Medical Education. We did open up July 2015 for everyone. Once I am

confident that the scheduling will not change, I will begin to look at the residency programs' schedule requests in the order we have received them.

Because we are losing our administrative assistant, we will need to rely more heavily on the policies and processes we have in place regarding scheduling of courses, sessions, etc... All requests for scheduling can be submitted via the www.medsim.uci.edu website. A copy of the simulation center polices can be found in the simulation center sharePoint or emailed to you upon request.

Curriculum



Canvas is slowly being implemented in a few courses this academic year. As this platform continues to be implemented, the simulation center center will be able to upload student information, instructions, handouts, links, etc... to the students just like we currently do in Ilios.

We will still continue to use Ilios for the background curriculum and objectives.

Curriculum resources as well as medical education and simulation resources can be found at <http://sites.uci.edu/medsim> or [SharePoint](#) page.

IMPORTANT DATE

Deadline to submit Abstracts and petitions for presentations to 2016 IMSH is Wednesday, 3 June 2015 5pm CDT. More information can be found at:

<http://www.ssih.org/Events/IMSH-2016/Presenters>

Simulation Fellow Update

Dr. Rola Alrabah

Please join us in welcoming our new international Emergency Medicine Simulation Fellow, Dr. Rola Alrabah. Dr. Alrabah is a board certified Emergency Medicine Physician in her home country of Saudi Arabia. Her passion for education and training is evidenced by her involvement in medical student and resident training during her residency. Most notably, she created an educational program that incorporated simulation for the Emergency Medicine program that was recognized by the Saudi Commission of Health Specialties, a very laudable achievement. Her leadership and innovation for medical education are attributes that make her a wonderful addition to our UC Irvine Simulation family.

Dr. Alrabah's focus will be on research, education and training. Once her fellowship is complete, she plans on returning to her home country to take a leadership role in quite possibly one of the largest simulation centers in the world!

Dr. Anne Beissel

Dr. Anne Beissel, a visiting simulation fellow from Lyon, France, has an approved IRB for simulation research that focuses on the comparative nature of faculty versus residents in teaching skills and skill acquisition. The research study is currently being conducted.

Dr. Beissel also coordinated and implemented a tele-simulation training session between UCI residents and residents from Lyon, France. A research abstract was submitted to the 2015 American Society of Anesthesiologist conference.

Dr. Julie Sayegh

Dr. Sayegh has coordinated the formation meetings of medical simulation interest group. While this group's direction will take shape over the next year, it will certainly will focus on simulation as a tool in medical education. The members of this interest group will have the opportunity to take part in peer-to-peer learning, medical education curriculum creation and management, and interact with faculty, students, residents, and the community.

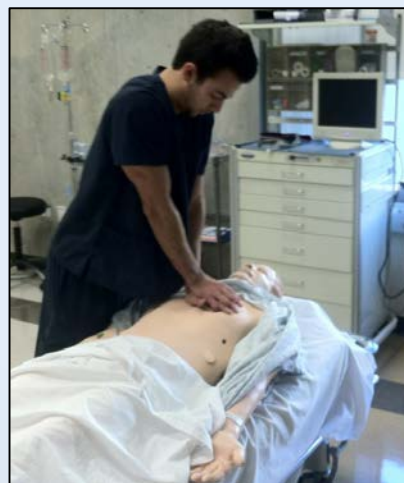
Simulation Technical Operations



Did you know....

The SimMan3G (Laerdal®) is the simulator that is most often used at the Medical Education Simulation Center.

Using the SimMan3G software, we have the capability to monitor the performance of the provided CPR, which has been useful to students and participants in all levels of training.



00:04:16	Compressions stopped
00:04:18	Carotid pulse check
00:04:25	Compressions started
00:04:25	"compressions started"
00:04:30	Avg. CPR performance: Rate 132/min, Depth 49mm, OK rel 100%, Hands on 62%
00:04:40	Avg. CPR performance: Rate 139/min, Depth 44mm, OK rel 100%, Hands on 63%
00:04:50	Avg. CPR performance: Rate 138/min, Depth 46mm, OK rel 100%, Hands on 65%

Anesthesiology/Obstetrics Multidisciplinary In-Situ Simulation

March 2, 2015

By: Corey Nelson, MD

During a recent visit by the American Congress of Obstetricians and Gynecologists (ACOG), it was recommended that the Department of Obstetrics and Gynecology create a more robust simulation program to enhance quality and safety practices. In response to these recommendations, the Department of Anesthesiology & Perioperative Care and Perinatal Nursing have partnered with the Department of Obstetrics and Gynecology to provide Multidisciplinary In-Situ Simulation. A Task Force was created with members from

completed the UC Irvine Simulation Instructor Training and follow a standardized approach to education and debriefing.

Our first session launched in July 2014, and we have been having monthly multidisciplinary sessions. The sessions have been received positively, are well attended by participants from each department, and have provided opportunities to test and refine several urgent/emergent protocols including those related to STAT cesarean sections, OB hemorrhage, and other OB related emergencies. They also promote effective communication techniques,



scenarios involve NICU, blood bank, and laboratory services.

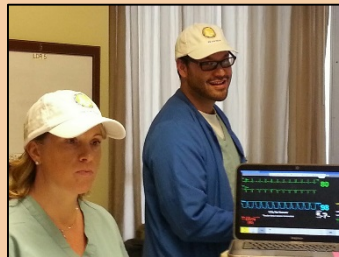
Additionally, all members of the Departments of Obstetricians and Gynecologists, Anesthesiology, and Perinatal Nursing have participated in a TeamSTEPPS based teamwork and communication training by LifeWings. The simulations reinforce concepts learned from these sessions and provide additional opportunities for practice.



each department to develop and implement these sessions. Task Force Members include Corey K. Nelson MD (Anesthesia), Jennifer Butler MD (OB), Christine Kim MD (OB), Leslie Jones RN (Clinical Nurse Specialist), Meerabai Narasimalu RN (Perinatal Nursing), and Johannah Morelos Carrera RN (Perinatal Nursing). All task force members and simulation educators have

situational awareness, and an appreciation for team member roles. A variety of metrics including pre- and post- testing of protocol knowledge, department participation, and response times are tracked. The simulations are getting increasingly complex and all of the scenarios have associated test patient records allowing participants to utilize computer orders and charting. Some

The Task Force is investigating ways to effectively disseminate teaching points from the sessions to each department to extend its impact. We are continually working to remain relevant and expand our library of scenarios. If you have scenario suggestions or would like to help with this project, please contact Corey K. Nelson, MD at cnelson1@uci.edu.



If your organization has a simulation related story you wish to share in this newsletter, please contact Keith Beaulieu, kbeaulie@uci.edu.

UC Irvine Medical Education Simulation Center
School of Medicine
UCI Health