



UC Simulation

Winter/Spring 2016

Issue 8



Director

Cameron Ricks, MD

It has been a busy year thus far and since the New Year, we are quickly coming to an end to the medical student curriculum for this academic year.

I would like to personally welcome Dr. Shyrl Sistrunk, Senior Associate Dean for Medical Education, to UCI; no doubt your experience will be a welcome addition.

We continue to grow within the curriculum; as we stated before, we have added additional

simulation sessions in Microbiology, Neuroscience, and Biochemistry. Looking ahead, the team is exploring opportunities to work together more with Clinical Skills and the Ultrasound Program. We will also be looking at exploring opportunities to work with the nursing program and more closely with GME.

Special thanks goes to Dr. Jamie Landman, Dr. Jill Endres, and Christina Hwang for all the hard work in getting everyone ready for the ACS accreditation. We received word in late December that we were accredited until 2018.

I am very pleased with the Simulation Fellows and rest of the simulation staff for the great showing at this year's IMSH. We had four (4) research presentations accepted of which three (3) were published. We also presented in two (2) podium presentations. We also had presentations by the simulation specialists at the showcase of innovation.

We also have been consulting UCI and Dr. Merrill on the buy and direction of the mobile simulation platform for UCI Health. This is a process that started in July of last year with the creation of the business plan. Although this is in the early stages, I believe that this mobile simulation lab will provide the university an additional medical simulation asset to educate across the UCI continuum.

As we come into the home stretch of the academic year, we are looking ahead to the upcoming budget process, and new adventures for the next academic year.

Cameron Ricks, MD
Director, Medical Education Simulation

Closures

March

25 Caesar Chavez Holiday
(Closed)

April

18-22 Maintenance Week
(no scheduled simulation)

May

30 Memorial Day (Closed)

Simulation Instructor Training Course

July 11 & 12

Call us today to reserve
your spot!



Like us on
Facebook



AMERICAN COLLEGE OF SURGEONS • DIVISION OF EDUCATION
ACCREDITED EDUCATION INSTITUTES
ENHANCING PATIENT SAFETY THROUGH SIMULATION

American Society of
Anesthesiologists

Endorsed Program
Simulation Education Network

Mobile Simulation

On January 8th, UC Irvine Health and the medical center awarded a contract to Lifeline Mobile (Columbus, OH) to build a mobile simulation lab for UC Irvine. This award was the culmination of a process that started in August 2015.

The Mobile Simulation Lab will be a 35 ft. vehicle that will have a dedicated simulation space, control room, and debriefing area.

A steering committee headed up by Dr. Merrill, Chief Medical Officer, meets monthly with personnel from advancement, marketing and communication, and executive staff to determine the future direction of the simulation lab.



UCI Health Simulation Lab will have similar look to the Mobile Simulation Lab delivered to MedStar (Maryland) last month.

Do you want to teach medical students?

We are recruiting a cadre of faculty to help instruct some of the basic science simulation sessions next year.

Possible topics include:

- Cardiovascular Physiology,
- Pharmacology,
- Microbiology, and
- Biochemistry

Instructing at the undergraduate level looks good if you are seeking advancement within the system.

Contact our office for details
949.824.8835

Or contact Dr. Ricks directly

Inter-professional Simulation-based Team Training (Code Training)

UCI Medical Center, Building 50

Upcoming inter-professional code training dates presented by the Medical Education Simulation Center.

<http://sites.uci.edu/hare/>
Sign up!

Simulation-Based Team Training at UCIMC Academic Year to Date

Total Sessions: 3

Total learner hours: 45

Total learners Jul – present: 18

Total Sessions since Inception: 22

Total learner since Inception: 138

July, August,
November session –
cancelled due to
learner no show

UC Simulation Consortium

Meetings

On October 2nd, The Medical Education Simulation Center hosted the 2nd Annual Fall Simulation Consortium Meeting. Medical directors and operational directors from UC San Francisco, Davis, LA, San Diego, and Riverside came together to discuss UC simulation in a one-day meeting.

Last year's meeting, held in San Francisco, included discussion and draft of the vision, mission, and bylaws.

Topics that were discussed during this meeting included collaborative projects, research, metrics, and reporting.

On May 9th the Consortium will get together for the Spring Teleconference.

Continued on pg. 7

Upcoming Dates

March

- 22 SBTT-Code Training
- 31 Clinical Foundations 4 simulation

April

- 1 Clinical Foundations 4 simulation
- 4-7 Clinical Foundations 4 ACLS
- 11 SBTT-Code Training

May

- 3 SBTT-Code Training
- 6 MOCA
- 9 UC Sim Consortium Telecon
- 9-20 Clinical Foundations 3

June

- 15-16 ATLS
- 21 SBTT-Code Training

July

- 11-12 Simulation Instructor Course

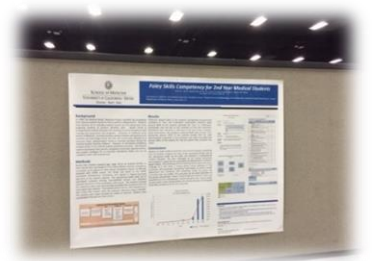
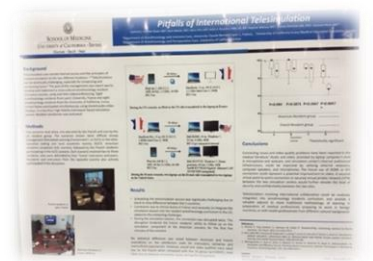
Published Abstracts

Keith Beaulieu, MBA, BS, BA, Cris Hanacek, John Vicente, Cameron Ricks, MD. **Emesis During Simulation: A Low Cost Apparatus.** Simulation in Healthcare Journal December 2015 – Volume 10 – Issue 6

Anne Beissel, MD, Christian Bauer, Marc Lilot, MD, Keith Beaulieu, MBA, BS, BA, Baptiste Balanc,a, MD, Thomas Rimmele´, MD, PhD, Cameron Ricks, MD. **Pitfalls of International Telesimulation.** Simulation in Healthcare Journal December 2015 – Volume 10 – Issue 6

Keith Beaulieu, MBA, BS, BA, Cris Hanacek, John Vicente, Anne Beissel, MD, Charlene Beaulieu, RN, MSN, Cameron Ricks, MD. **Foley Skills Competency for 2nd Year Medical Students.** Simulation in Healthcare Journal December 2015 – Volume 10 – Issue 6

Katherine Wu, MA, Esther Banh, Khanh-Van Le, Ceci Canales, Cameron Ricks, MD. **Using a Needs Assessment to Develop a Sedation Simulation Training Program for Non-Anesthesiologists.** Simulation in Healthcare Journal December 2015 – Volume 10 – Issue 6



International Meeting for Simulation in Healthcare (IMSH)

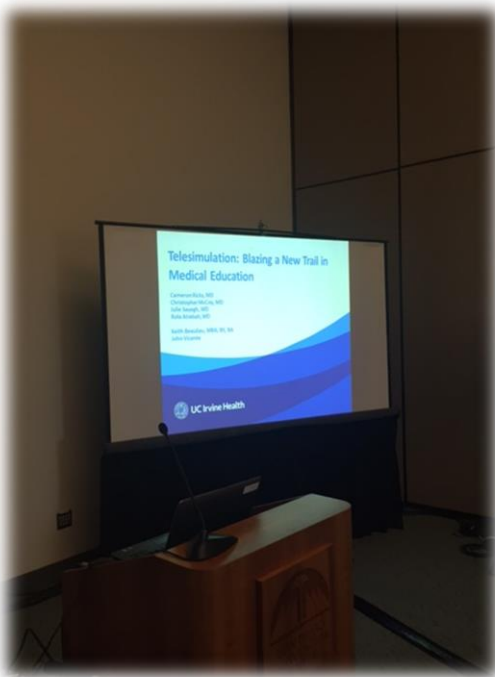
Sand Diego, CA 16-20 January

UC Irvine was well represented at the IMSH conference this year. The UC Irvine staff produced 4 research abstracts, presented at 1 podium presentation, presented at 1 expert panel on simulation fellowship, and presented 2 innovative ideas at the Showcase of Ideas. Additionally, a member of the staff attended SSH functions as required by being on various committees.

Additionally, Dr. Ricks presented a research abstract for the Department of Anesthesiology. Dr.

Suzanne Strom, Department of Anesthesiology, also presented in a pre-conference workshop.

Staff that attended: Dr. Cameron Ricks, Dr. Eric McCoy, Dr. Julie Sayegh, Dr. Mira Khany, Dr. Rola Alrabah, Keith Beaulieu, John Vicente, Eilene Tellez, and Katherine Wu

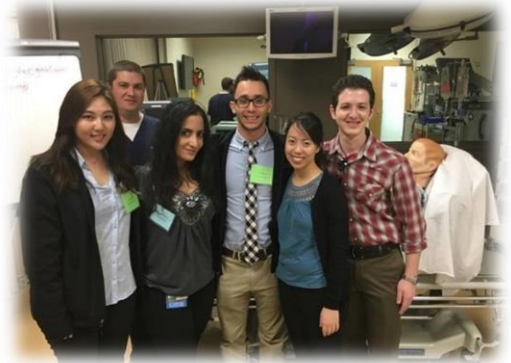


Simulation Interest Group (SIMIG)

We are Simulation in Medicine Interest Group (SIMIG), the first of its kind at UCI! The goal of SIMIG is to have medical students embrace the art of simulation as both learning and teaching tool. Overall, SIMIG intends to provide a great learning and volunteer experience for students, the community and beyond.



Over the past few months, the SIM interest group has been active both on campus and in the community. Lead by Emergency Medicine Simulation fellow, Dr. Julie Sayegh, the group has involved themselves in many firsts for the simulation center. For the first time, they have teamed up with the Dermatology Interest Group to reach out to high school students, teaching the basics of CPR and skin care management. The students and educators at Edison High School in Huntington Beach were thrilled to have the two groups present. They conducted hands-on, CPR-based simulation cases using mannequins, and distributed important skin cancer awareness information and sun screen samples to the high school students.



The group has also, for the first time, become involved in UC Irvine's annual UltraFest, a campus wide ultrasound event. The students worked hard with Dr. Sayegh to create an ultrasound-based simulation component to the conference. They organized and developed patient cases that required the use of ultrasound for diagnosis and management. In this way, the students in attendance could incorporate the skills they learned throughout the conference into a real-life, high-fidelity mannequin scenario. The simulation component turned out to be a huge hit with the attendees of UltraFest, and the SIM interest group is very excited about making this a yearly tradition for the group.



As the group continues to develop and grow more popular on campus, the SIM IG students remain enthusiastic about future projects both the at the SIM center, and in their continued efforts and dedication to the surrounding community.



Simulation around UC Irvine

Emergency Medicine Simulation

Emergency Medicine faculty conducted a triage exercise with the simulation staff, members of the Simulation Interest Group, and other volunteers to take part in a simulated active hooter scenario that was filmed in part for an Emergency Medicine research project coming up. Dr. Julie Sayegh and Dr. Eric McCoy held the event.



Medical Education Simulation Center

Orange County Fire Authority came to the Medical Education Simulation Center on January 8th to test out various simulators that the county is evaluating for purchase and implementation. The simulation center offers a standardized environment with audio/visual capabilities to capture the required feedback.



Perioperative Simulation Center

Katherine Wu, Simulation Coordinator, resigned to take a teaching position. The Department of Anesthesiology and Perioperative Care will be seeking a part/full time simulation specialist in the future.

Surgical Education Center/Live Tissue Lab

The Surgical Education Center in conjunction with the Live Tissue Lab and the School of Medicine, Medical Education Simulation Center received notification that we were re-accredited as an Accredited Education Institute by the American College of Surgeons through December 2018. Congratulations to **Dr. Landman, Dr. Endres, and Dr. Ricks** who all serve as directors. A special congratulations goes out to **Christina Hwang** and **Katherine Bergin** for putting the paperwork together to support this function.



Standards

AAMC Core Entrustable Activities <https://www.aamc.org/initiatives/coreepas/>

ACGME Milestones <https://www.acgme.org/acgmeweb/tabid/87/GraduateMedicalEducation.aspx>

INASCL Standards <http://www.inacsl.org/files/journal/Complete%202013%20Standards.pdf>



Keith A. Beaulieu

Director of Operations

Medical Education Simulation Center

Budget and Planning

It is that time of year that each of the departments submit their budget for the upcoming academic year. The Medical Education Simulation Center has sent a draft budget to Medical Education. The proposed budget will look similar to last year’s approved budget. Going forward, the simulation center is committed to providing high quality education through medical simulation. We continue to increase our integration within the school curriculum, and continue to push to have a presence in the simulation community.

Scheduling

We can begin to take requests for clerkship and resident simulation scheduling through our website; however, we cannot slot those requests until the MS 1 & 2 simulation curriculum is firmly on the schedule. All requests for scheduling can be submitted via the www.medsim.uci.edu website. If you have any questions regarding scheduling, please contact us at 949-824-8835.

Curriculum

Canvas and Ilios are being used for medical student curriculum. Once the MS 1 & 2 simulation sessions are scheduled, all of the simulation documents and resources will be added to the simulation sessions under the specific courses. The simulation center staff are

going through the current curriculum and scenarios to provide quality assurance to the accuracy of the scenario as well as the appropriateness of treatment. We are also reviewing the learning objectives to ensure that the learning objectives for the simulation sessions match/align with the course that the sessions fall into.

Curriculum resources as well as medical education and simulation resources can be found at <http://sites.uci.edu/medsim>.

Continued from pg. 3

The consortium members also met in San Diego during IMSH and toured UC San Diego’s Simulation Center.

The Consortium has connect with UCOP Risk Management to look at ways that simulation (UC system-wide) can help patient safety and quality.



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