



COLUMBIA UNIVERSITY MEDICAL CENTER
DEPARTMENT OF ANESTHESIOLOGY
MARGARET WOOD CENTER FOR SIMULATION AND EDUCATION

NEWSLETTER

Director's Welcome



Welcome to the fall MWSCE newsletter for academic year 2019-20. We hope your academic year has gotten off to a great start. The residents and fellows have spoken and we have heard! We are thrilled to hear feedback about increasing demand for simulation-based educational opportunities.

Simulation Instructor Training

To help increase the pool of simulation facilitators, we will be collaborating with the **Mary and Michael Jaharis Simulation Center** and the **Simulation Center-Columbia School of Nursing** to host the ***CUIMC Introductory Simulation Instructor Course***, to be held:

Date: Thursday, September 19, 2019

Time: 10am – 3pm

Location: MWCSE, PH-5

Lead faculty will be:



Allison Lee, MD, MS
Medical Director, Margaret Wood Center for Simulation and Education
Associate Professor of Anesthesiology at CUMC



Kellie Bryant, DNP, WHNP, CHSE
Executive Director, Simulation Center, Columbia School of Nursing
Assistant Professor of Nursing at CUMC



David Kessler, MD, MSc.
Associate Medical Director, Jaharis Simulation Center
Associate Professor of Pediatrics (in Emergency Medicine) at CUMC

There are only a couple of spots left! The registration link is below:

<https://www.signupgenius.com/go/508054aa4ab2da7fc1-introduction3>

Don't worry if you can't make this session. Our goal is to provide year-round, ongoing faculty training, so listen out for announcements of additional training sessions later in the year.

There continue to be opportunities for shadowing or being paired with more experienced simulation instructors. Reach out to Dr. Allison Lee, Woojin Shim or the Education Division leadership (Dr. Teresa Mulaikal and Dr. Julia Sobol) for info on opportunities to actively participate in simulation sessions or simply to observe.

NEW! CA-3 Resident Simulation Elective



We are pleased to announce that during this 2019-2020 academic year, we will be launching the first 2-week **CA-3 resident simulation elective**. During the elective period, the resident will receive hands-on experience in the design and conduct of simulation-based learning activities and will develop a scholarly project related to their individual academic interests.

A rotation elective request form will need to be completed, along with a statement from the resident's mentor. For more information, contact the Education Division or Dr. Allison Lee.

Congratulations 2019 Design by Biomedical Undergraduate Teams (DEBUT) Challenge Winners!!

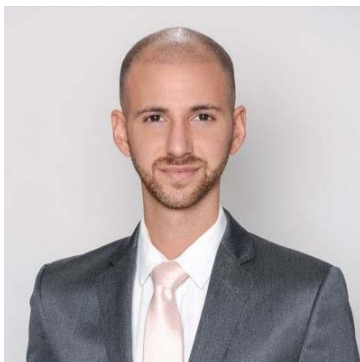
Congrats to the Columbia University Biomedical Undergraduate Team who, under the

guidance of our own Dr. Peter Yim, created the prototype for an ***Intubation Guidance System***. This innovative achievement, the result of endless hours of work in our own MWCSE, led to the group being awarded [the Steve H. Krosnick first prize](#), in the NIH DEBUT competition.

Biomedical team members: Samuel Castro, Mary Grace Gana, Amy Wu, Miriam Saffern, and Shirley Xian.



Simulation Journal Club – Save the Date!



The next MWCSE simulation journal club will be led by Dr. Jake Prigoff, the Thomas C. King Surgical Education Fellow. It will be held on October 16 at 12 noon in our own IKEA Lounge. Refreshments will be served. Details to follow.

IMSH Meeting

The International Meeting on Simulation in Healthcare (IMSH) will be held in San Diego, CA in January 18 - 22, 2020.



Congratulations to Dr. Joe Pena, whose abstract titled, “A Simulation-Based Education Needs Assessment of Anesthesiology Trainees” has been accepted for presentation.

Dr. Rob Maniker and Dr. Allison Lee each also have had abstracts accepted for presentation.



IMSH 2020
January 18-22-2020
San Diego, CA

SimStories

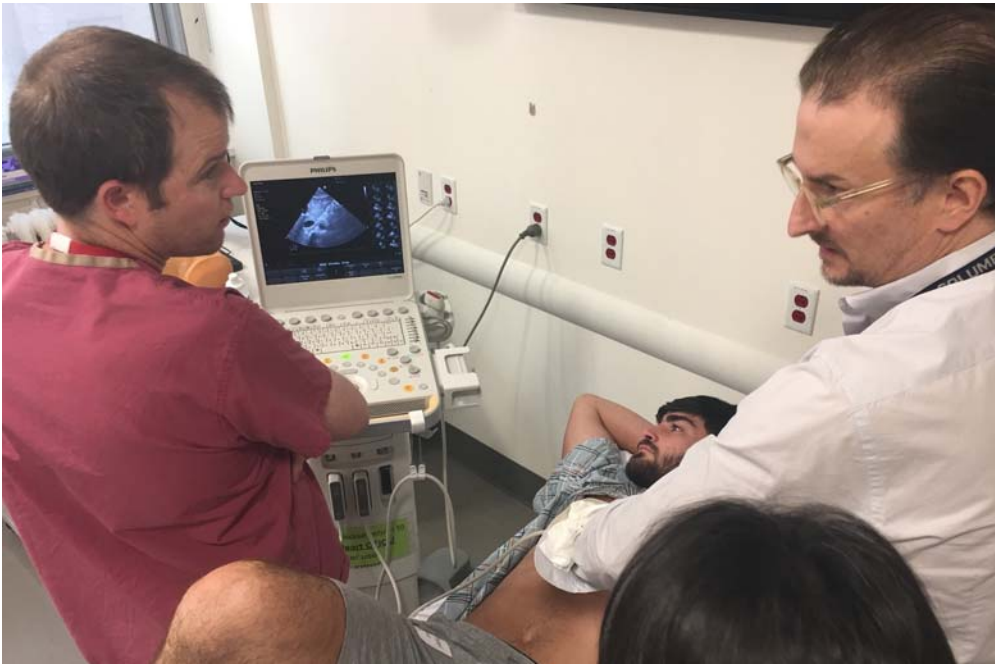
Massive Open Online Course Filming

This summer, the MWCSE was transformed into a full-blown mock trauma center. This was the brain child of Drs. Vivek Moitra, Jessica Spellman and David Kessler, who were awarded the 2016 Massive Open Online Course (MOOC) Grant from the Office of Provost. The Columbia University Center for Teaching and Learning brought in a full cast and crew to create videos for the course titled, "Crisis Resource Management". We can't wait to see the finished product!



Critical Care Ultrasound

This past August, Dr. Oliver Panzer held a 2-day Critical Care Ultrasound (CCUS) course for our new critical care fellows as part of their preparation for the National Board of Echocardiography exams.



Critical Care In-Situ Simulation

Dr. Beth Hochman leads monthly in-situ interdisciplinary simulations in the SICU and CTICU. The popular sessions involve physicians at all levels of training from anesthesia, surgery and surgical subspecialties, nurses, physician assistants and nurse practitioners. The curriculum content covers scenarios ranging from ECMO management to management of the critically ill obstetric patient. These sessions have provided opportunities for system improvements, support interprofessional collaboration and help promote a culture of patient safety within the institution. Thanks Dr. Hochman!



Society for Simulation in Healthcare



Please consider becoming a member of the **Society for Simulation in Healthcare (SSH)**.
Learn more at <http://www.ssih.org/Membership-Benefits>

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