



COLUMBIA

COLUMBIA UNIVERSITY  
DEPARTMENT OF ANESTHESIOLOGY

MARGARET WOOD CENTER FOR SIMULATION AND EDUCATION

## NEWSLETTER

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### Director's Welcome



Welcome to the first MWCSE newsletter of 2020! We hope you are adjusting well to post-EPIC life.

It's only February, but so much as happened...

- Check out our new logo above, designed to be in line with institutional branding.
  - We are collaborating with the Simulation Center-Columbia School of Nursing to host *a repeat CUIMC Introductory Simulation Instructor Course*:  
**When:** Wednesday, April 15, 2020  
**Time:** 10am – 1pm  
**Location:** Columbia University, School of Nursing  
Click [here](#) to register. Space is limited!
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### Simulation Elective

The initial 2-week elective in simulation-based education in January was a tremendous success! **Dr. Amy Wang** received rich experiences designing, facilitating and observing simulation-based learning activities across CUIMC, led journal club and successfully completed her scholarly project- the development of a simulation curriculum for the 3<sup>rd</sup> year medical student anesthesia rotation (mentored by **Dr. Saundra Curry**). Also, **Drs. Rob Maniker, Vivek Moitra, Tess Russell, Maya Hastie** and myself hosted 1:1 teaching sessions ranging from adult learning theory, to prebriefing/debriefing techniques, and task training.

#### Scenes from the January CA-3 Resident Simulation-Education 2-week Elective



## Simulation Elective – Dr. Amy Wang, in her own words



“Having simulation as an integral part of my medical education in medical school and realizing the power of it as an educational tool (I still remember lessons I learned in sims that I did in medical school!) inspired me to choose to do a sim elective. My idea was to develop a simulation scenario for the anesthesia clerkship students to help them get a taste of what it’s like to be an anesthesiologist and hopefully pique their interest in the field.

Having the opportunity to create and implement my own simulation scenario was a fun challenge. I didn’t expect that the most important skill that I would walk away with is how to be a better communicator in both a professional setting and in my personal life. I also had the opportunity to reflect on the concept of feedback and how I can personally improve my own practice of giving effective feedback.

Simulation is a very powerful educational tool that has a lot of potential for continuing integration into our resident education. The elective is a great opportunity for someone who is interested in education, curious to learn more about the technology, and interested in improving their communication skills.”



If you are interested in the CA-3 simulation elective, submit a rotation elective request form by October of CA-2. For more information, contact the Education Division or Dr. Allison Lee.

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## Sim Stories

### Allen In Situ Prone Extubation Emergency Response (“PEER”) Sim



It’s every anesthesiologist’s worst nightmare! – loss of an airway in a patient in the prone position. At the New-York Presbyterian Och Spine Hospital, thanks to an initiative by **Chief CRNA, Peggy Meenan**, in collaboration with **Dr. Mark Weller, Dr. Laurence Ring**, perioperative nursing/tech/radiology staff and spine surgeon, **Dr. Ronald Lehman**, *in situ drills* have been developed to make sure ALL Allen staff members are prepared to handle this life-threatening emergency. Special thanks to L&D safety nurse, **Sally Urang** for her behind-the-scenes support.

They call it a “**PEER**” – **prone extubation emergency response**:

- Anesthesia provider identifies lost airway and begins to support ventilation with 100% O<sub>2</sub> while prone.

Communicates clearly to room - **need for a PEER!**

- Circulating nurse: calls out for a PEER overhead
- Surgeons cover wound & stretcher from outside is brought into OR stat
- Secure airway supine on stretcher with anesthesia attending



In Situ Interdisciplinary Prone Extubation Emergency Response (PEER) Simulation Drill  
– New-York Presbyterian Och Spine Hospital

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### Fall 2019 Journal Club



We were privileged to have the Fall, 2019 journal club led by invited guest, **Dr. Jake Prigoff**, the Thomas C. King Surgical Education Fellow. The article titled, “Comprehensive Emergency Airway Response Team (EART) Training and Education: Impact on Team Effectiveness, Personnel Confidence, and Protocol Knowledge” by Tsai A, et al. generated a rich discussion surrounding the use of simulation to enhance implementation of new team models and protocols, and the patient safety benefits of interdisciplinary team training.

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## REPEAT Session

### Introductory Simulation Instructor Training

Save the date! The MWCSE is collaborating with the **Simulation Center-Columbia School of Nursing** to host the 2nd **CUIMC Introductory Simulation Instructor Course**:

**When:** Wednesday, April 15, 2020

**Time:** 10am – 1pm

**Location:** Helen Fuld Health Trust Simulation Center  
Columbia University, School of Nursing

560 West 168<sup>th</sup> St.  
New York, NY 10032

Click [here](#) to register. Space is limited!

- 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 participate or observe ongoing sims in the department.
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## Funding Opportunities



### [Virginia Appgar Academy Education Research Grants:](#)

\$5,000 each - to VP&S faculty members to fund projects that seek to implement new ways of teaching the complex skill set necessary to advance health care. Applications are expected to be due by **April, 2020**.



### [SEAD GRANT:](#)

The Society for Education in Anesthesia provides a **\$10,000** education research starter grant, open to Faculty members of the Society. The grant is awarded annually – application due in **December**. The purpose of the grant is to inspire and assist aspiring faculty who have no previous funding to start an educational research project. The grant requires that the recipient be given non-clinical time by their department to complete the project.



### [2021 SSH Novice \\$5 –10,0000 Research Grant:](#)

LOI's due in **August**

Do you have a research project that:

- Is innovative;
- Uses a quantitative, qualitative, or hybrid approach;
- Shows strong potential for a positive impact on the simulation field;
- And promotes growth of your simulation research career

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## 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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