



Center for Advanced Pediatric and Perinatal Education

Since we opened our doors in 2002, we have developed professional and personal relationships with you and many other wonderful colleagues around the U.S. and the world. This is one way that our team can stay connected, keeping you up to date with CAPE's ongoing contributions to pediatric and obstetric simulation, innovation, and research.

Winter 2022



Continuing Multidisciplinary Team Training

In January 2021, CAPE launched multidisciplinary team training for healthcare professionals in the neonatal intensive care unit ([NICU](#)) at Lucile Packard Children's Hospital ([LPCH](#)). What was some of the most common feedback since the launch of this program? The request for more training dates!

This program is now scheduled through 2022, marking over a year of multidisciplinary training in which neonatology fellows, neonatal hospitalists, neonatal nurse practitioners, neonatology attending physicians, and respiratory therapists are coming together on a

monthly basis to practice and improve their procedural and team behavioral skills during critical care scenarios and delivery room emergencies. Together, we will continue to S.E.E. simulation differently as we promote Safety, Efficiency, and Effectiveness with this new program.

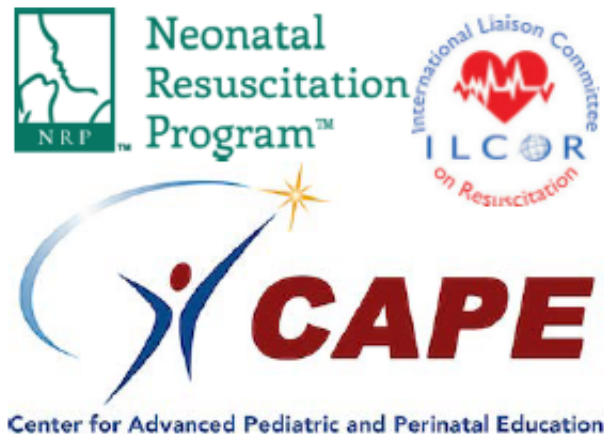


Way to go, Janene!

Congratulations to Janene Fuerch, MD and the Emme™ team for advancing innovation in women's health through their smart birth control system. Emme™ received recognition in Time Magazine's 100 Best Inventions of 2021.

The invention combines a Bluetooth connected pill case and an app that tracks when a contraceptive pill is taken. The app can also connect to telemedicine providers and prescription delivery services, and is able to provide individualized contraceptive guidance. This smart case and app help women manage their reproductive needs and ultimately, improve women's health.

Read more about the Emme™ smart case and app [here](#).



Improving Patient Care, Together

As the world's first simulation-based training and research center dedicated to the fetal, neonatal, pediatric, and obstetric sciences, CAPE has a long history of collaborating with national and international organizations who share the goal of improving neonatal and maternal patient care. These include the International Liaison Committee on Resuscitation ([ILCOR](#)), the Neonatal Resuscitation Program ([NRP](#)) of the American Academy of Pediatrics ([AAP](#)), and the American Heart Association ([AHA](#)). CAPE's Founder, Dr. Lou Halamek, and colleagues Dr. Nicole Yamada and Dr. Janene Fuerch serve as Content Experts for ILCOR, contributing to the review of neonatal resuscitation science. Most recently Drs. Yamada and Fuerch have played leading roles in recent systematic reviews to examine the role of supraglottic airways and respiratory function monitoring, respectively, during neonatal resuscitation. The review of science by ILCOR members serves as the basis for the national guidelines for neonatal resuscitation published by the NRP on a quinquennial basis.

Dr. Halamek has served the AAP and NRP in several ways, first as a voting member of the NRP National Steering Committee, then as Committee Co-Chair, and currently as Special Consultant. During this time, he facilitated the transition of the NRP curriculum from a textbook and skills-based training program to a simulation-based experience where trainees are immersed in highly realistic scenarios of challenging clinical events. CAPE continues to serve as an NRP training site that conducts simulation-based training programs for NRP Providers, Instructors, and Instructor Mentors. Finally, CAPE's Senior Simulation Specialist, Julie Arafah, RN, MSN, was a co-author on a manuscript discussing the treatment of cardiac arrest in pregnancy (Lipman S, et al. The Society for Obstetric Anesthesia and Perinatology consensus statement on the management of cardiac arrest in pregnancy. *Anesth Analg* 2014;118(5):1003-1016. PMID: 24781570).

As CAPE approaches its 20th anniversary, we take this moment to appreciate all that has been accomplished through collaboration with our colleagues around the country and the world over the years. You can read more about CAPE's collaborations on [our website](#) and don't forget to check out [past newsletters](#) for more information on our ongoing research, training programs, and all things CAPE!



Congratulations, Rodrigo!

In December 2021, CAPE's Simulation Lab Manager, Rodrigo Galindo earned a Certified Healthcare Simulation Operations Specialist ([CHSOS](#)) certification from the Society for Simulation in Healthcare ([SSH](#)). When asked about what CHSOS certification means to him, Rodrigo responded,

"Having a CHSOS designation recognizes the evolving profession and significant role that operations and technical personnel have in supporting quality healthcare simulation; furthermore, it recognizes the individual's competencies in foundational knowledge, skills, and commitment to sound ethical and professional standards."

Have questions about what CAPE trainings can be offered for your team of healthcare professionals? Email the team at contactcape@stanford.edu

Why We Exist

Our Vision

A world in which all people receive the safest, most efficient and effective healthcare possible.

Our Mission

To lead the innovation and dissemination of novel methods for improving human and system performance in the delivery of healthcare.

For the latest updates on all things CAPE, connect with us
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