

## David C. Leach, MD Award Recipients

### David Turner, MD

Pediatrics

Duke University, Durham, NC

**Project:** *Simulation-based resuscitation education and educational objectives to becoming a more effective educator*



#### **Nominators had this to say:**

The Mock Code Curriculum addresses a number of the criteria outlined in the award to honor Dr. David Leach. First, the mock code program clearly fosters both innovation and improvement in our clinical learning environment. While medical simulation is innovative and continues to grow as an important educational adjunct (especially for rare events such as codes), this curriculum's additional creativity focuses on enhancing trainees' skills as educators. The curriculum involves senior residents developing, running, and facilitating a mock code module for the multidisciplinary team, and then providing the team with feedback after the code. These residents utilize a multimedia online curriculum under the guidance of a chief resident or a critical care faculty member.

Secondly, the addition of this new curriculum as part of our Night float rotation has increased efficiency and reduced the non-educational burden in our program. Night float rotations are commonly utilized in residency training programs, and often have a balance weighted more toward service needs than education. The transition period between the end of a night shift and morning rounds is a time that has traditionally been considered an inefficient use of resident time. This time is now utilized for the new mock code curriculum and accomplishes important educational objectives for both the Night float and the multidisciplinary team participating in the mock code. Since initiation of this new program, resident feedback has markedly improved for this rotation.

Finally, this Mock Code Curriculum has already begun to improve multidisciplinary communication and collaboration in education and patient care within the program and the hospital. The module that is developed by the senior residents involves participation of four residents and members of the nursing staff from the wards. In addition to the resuscitation algorithms, communication is another primary focus of the mock code itself and of the structured debriefing session that immediately follows. These sessions allow the multidisciplinary team to discuss effective communication techniques and break down barriers that may exist.

Our Mock Code Curriculum Team of Alison Sweeney, Sarah Bartz, Alyssa Stephany, Shari Whicker and David Turner has created a novel and exciting Mock Code Curriculum that has noticeably improved resuscitation, communication, and teaching skills in our Pediatric and Medicine-Pediatrics Residency Programs.