



DAVID M. GABA, M.D.

ASA/PSF  
Ellison C. Pierce, Jr.,  
Patient Safety Memorial  
Lecture

Saturday, October 11, 2014

1-2 p.m.

Morial Convention Center

# ASA/PSF ELLISON C. PIERCE, *'Competence and Teamwork Are*

Robert F. Stoelting, M.D.

The ASA/PSF Ellison C. Pierce, Jr., Patient Safety Memorial Lecture will be delivered by David M. Gaba, M.D., an internationally renowned anesthesia patient safety advocate and investigator. Dr. Gaba has chosen the topic "Competence and Teamwork Are Not Enough: The Value of Cognitive Aids" for his lecture.

This annual honorary lecture was established by the Anesthesia Patient Safety Foundation (APSF) and ASA to recognize and sustain the memory of the founding president of APSF and past president of ASA (1984), Ellison C. (Jeep) Pierce, Jr., M.D. It was Dr. Pierce's vision and unwavering commitment to anesthesia patient safety that led to the formation of APSF in 1985 as the first medical specialty foundation devoted solely to addressing patient safety. Today, the medical specialty of anesthesiology, ASA and APSF are recognized as pioneers in advocating for patient safety as APSF strives to achieve its vision that "no patient shall be harmed by anesthesia."

APSF is the largest private funding source for anesthesia patient safety research, having provided more than \$9 million in support of 100 anesthesia patient safety research awards since the inception of the APSF award program in 1987. A by-product of the APSF research award program is the development of a cadre of anesthesia safety scientists who can trace their early investigative careers to seed money provided by APSF. The foundation was an early supporter of research directed toward the value of simulation in anesthesia patient safety. The *APSF Newsletter*, with a circulation of 107,515 recipients, provides rapid and international dissemination of current and evolving anesthesia patient safety information.

David M. Gaba, M.D. was born in Kansas City, Missouri. He earned a B.S. in Biomedical Engineering from Northwestern University and an M.D. from Yale University. From 1981 to 1983, he was a resident in anesthesiology at Stanford University School of Medicine. For the past 30 years, he has been a member of the Stanford medical faculty and a staff anesthesiologist at



Robert K. Stoelting, M.D., is President,  
Anesthesia Patient Safety Foundation.

# JR., PATIENT SAFETY MEMORIAL LECTURE: *Not Enough: The Value of Cognitive Aids*

VA Palo Alto Health Care System. Currently, Dr. Gaba is the Associate Dean for Immersive and Simulation-based Learning and Professor of Anesthesia at Stanford University School of Medicine.

Dr. Gaba is director of the Immersive Learning Center at Stanford, a 28,000-square-foot facility, and he founded and co-directs the VA simulation center. Dr. Gaba's laboratory is a pioneer in applying organizational safety theory to health care. He is the inventor of the modern full-body patient simulator, and in 1990 he and his colleagues first introduced Crew Resource Management training from aviation to health care. In the early 1990s, Dr. Gaba spearheaded advances in the use of pre-compiled algorithms for the management of crises during anesthesia. His ongoing research on human performance, cognition and human factors using simulation as a tool has been a model for the scientific advancement of patient safety. Dr. Gaba is an author on more than 120 original articles and editorials, 22 book chapters and one influential book titled *Crisis Management in Anesthesiology*.

He is a current and founding board member of both the Society for Simulation in Healthcare and the Advanced Initiatives on Medical Simulation. In addition to serving on various journal editorial boards, Dr. Gaba is the founding

editor-in-chief of the journal *Simulation in Healthcare*, the only indexed peer-reviewed journal on simulation.

Dr. Gaba was awarded the 2003 David M. Worthen Award from the Department of Veterans Affairs; the 2007 Teaching Achievement Recognition Award from the International Anesthesia Research Society; and the inaugural 2011 Veterans Affairs Under Secretary for Health Award for Excellence in Clinical Simulation Training, Education and Research.

Dr. Gaba has been a member of the APSF Board of Directors since 1990 and shares a deep admiration for Dr. Pierce, whom he regarded as a colleague, mentor and close personal friend. He served as APSF Secretary for many years and currently represents the APSF Board of Directors as a member at large to the APSF Executive Committee

David M. Gaba, M.D. and his acclaimed international contributions to advocating for anesthesia patient safety make him an outstanding selection to deliver the 2014 ASA/APSF Ellison C. Pierce, Jr., Patient Safety Memorial Lecture in honor of "Jeep" Pierce. His topic, "Competence and Teamwork Are Not Enough: The Value of Cognitive Aids," is a fitting tribute to the memory and contributions of APSF's founding president and past ASA president.

