



### **John Rask, M.D.**

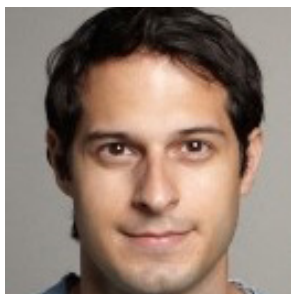
Dr. Rask is currently an Associate Professor in the Department of Anesthesiology and Critical Care Medicine at the University of New Mexico (UNM). He has been administering anesthesia since 1986 with academic appointments at the University of Utah (1989–1991) and UNM (2005–present) separated by 16

years in an M.D.-only private practice. His practice has covered nearly all subspecialty areas but includes extensive experience in acute and chronic pain, trauma, cardiovascular, neurosurgical, obstetrics and regional anesthesia. He has held numerous administrative positions in private practice, the U.S. Veterans system and in academia.

He has been the UNM Departmental Simulation–Education Director since 2006 and Director of the UNM MOCA® Simulation course since 2011. As the Director of the UNM BATCAVE Simulation and Training Center, he trains simulation faculty and coordinates support for all GME, advanced UME and hospital staff training programs. He was a member of the ASA Editorial Board for Simulation–Based Training until Fall 2016. Additionally, Dr. Rask has been involved with the ASA SimStat project since shortly after its inception and is currently a member of the ASA Editorial Board for Interactive Computer-Based Education.

He is engaged in research in communication, simulation education and performance assessment, and has presented and published locally and nationally in a broad range of areas. Dr. Rask is a member of the Simulation in Anesthesia Research Group (SARG) research consortium. His research and educational activities include programs addressing crisis resource management, communications, teamwork, simulation curriculum development, and in-situ simulation for diagnosis of systems failures.

He has served for many years as an ABA Associate Examiner, an ASA Delegate and as a board member of the New Mexico Society of Anesthesiologists.



### **Samuel DeMaria Jr., M.D.**

Dr. DeMaria is Director of Research in the Mount Sinai Simulation HELPS Center and an associate professor of anesthesiology in the Division of Liver Transplantation. He earned his degree from the University of Medicine and Dentistry of New Jersey (UMDNJ)-Robert Wood Johnson Medical School in 2006, where he was inducted into both the

Alpha Omega Alpha and Gold Humanism Honor Societies and received the UMDNJ Academic Achievement Award for Excellence in all courses and disciplines. After completing his rotating internship at Saint Barnabas Medical Center, where he was named Intern of the Year, he started his anesthesiology residency at the Mount Sinai Medical Center in New York City.

Dr. DeMaria has had the distinction of being named the first Eliasberg Research Scholar, Resident Researcher of the Year and the Institute of Medical Education’s Resident Educator of the Year. He was also named Faculty Educator of the Year, Faculty Researcher of the Year and Faculty Mentor of the Year in the anesthesiology department. He has won several research project awards at Mount Sinai and elsewhere for his novel and impactful simulation-based research.

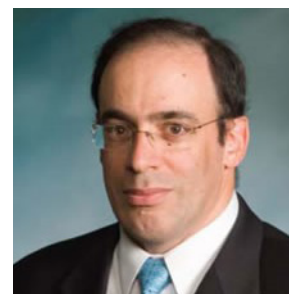
Dr. DeMaria develops and leads most of the group’s research endeavors. Many of his ongoing research projects involve novel approaches to medical education, the influence of stress on learning, and the use of simulation to detect and prevent medical errors. He has collaborated with engineers at Arizona State University to build virtual worlds and serious gaming simulators, as well as doing work with colleagues at Vanderbilt University validating the Heartworks TEE simulator. He has developed and participated in simulation-based courses at Mount Sinai and at national and international conferences. He is also an editor on the major textbook of simulation, The Comprehensive Textbook of Healthcare Simulation, and the subsequent series and second editions which are now in production. He was vice chair for the faculty development track and serves as a reviewer for the Annual International Meeting on Simulation in Healthcare. Dr. DeMaria recently completed AHRQ-funded work on the largest multi-institutional study using simulation for assessment of board-certified anesthesiologists with nearly a dozen simulation centers nationwide.



### **Arna Banerjee, M.D.**

Dr. Arna Banerjee is an Associate Professor of Anesthesiology and Critical Care Medicine at Vanderbilt University School of Medicine and the Assistant Dean for Simulation in Medical Education. She directs the Center for Experiential Learning and Assessment (CELA), which is the simulation center at Vanderbilt University Medical Center

(VUMC), Nashville, TN. Dr. Banerjee is a nationally recognized educator and education researcher with specific expertise in high-fidelity simulation-based training and clinical performance assessment. She has received research funding from the Foundation for Anesthesiology Education and Research (FAER) and published numerous papers and book chapters. She has been the Anesthesiology Resident’s Simulation Director at VUMC and is currently the Director for the Simulation Program for the American Board of Anesthesiology (ABA) Maintenance of Certification in Anesthesiology (MOCA) courses conducted at VUMC. She is also the past chair of the Society of Critical Care Medicine Committee for Undergraduate Medical Education. She also has been a recipient of the Golden Apple Teaching Awards from the Department of Anesthesiology multiple times, as well as the R. Michael Rodriguez Award for Teaching Medical Students, Residents and/or Fellows in the Clinical Setting.



### **Ronald S. Levy, M.D., DABA**

Dr. Levy was born and raised in New York City and attended college at the University of Rochester. After working for several years in cardiovascular research, he went to study at the Sackler School of Medicine. Upon graduation, he started a surgery residency at Brookdale Medical Center in Brooklyn, NY. After four years at

Brookdale and another year and a half of surgery at Maimonides Medical Center, Dr. Levy switched to anesthesiology at Long Island Jewish Medical Center. After completing his residency, Dr. Levy accepted a position as Assistant Professor of Anesthesiology at the University of Texas Medical Branch (UTMB). He is currently the Suzanne Brown Logan Distinguished Professor (tenured) of Anesthesiology and a UT System Distinguished Teaching Professor. In 2001, he was asked to plan, design, budget and eventually be the

Director of the UTMB Patient Simulation Center. The Center opened in March 2002 and since then has been used regularly for a variety of courses. In 2004, Dr. Levy was selected as an inaugural fellow at the Harvard Institute for Medical Simulation. This weeklong course on all aspects of medical simulation including running a center, budgeting, scenario design and debriefing theory was sponsored by the Macy Foundation. Dr. Levy has also continued attending and leading workshops at the simulation meetings. Some of the anesthesia-related courses include Crisis Resource Management Training, Basic and Advanced Airway Management, Anesthesia Vignettes, Intro to Anesthesia for Interns, and Central Line Training Course. Additionally, to date, the Center has run more than 80 MOCA courses with more than 250 participants. From a research perspective, he is interested in looking at medical errors, correlating learning styles to simulation training and best practices for teaching machine troubleshooting.

The Center and its staff has been featured on KPRC (CBS) News and in the local press. Under Dr. Levy's guidance, the Center became the first SIM center in the country to be endorsed by ASA to offer simulation courses as part of the MOCA recertification process for anesthesiologists. Dr. Levy has regularly attended every International Meeting on Simulation in Healthcare (IMSH) meeting since 2001, as well as served as a section chair for IMSH in 2011 and as co-chair for the IMSH meeting in 2012. Dr. Levy has served on the Board of Directors for the Society for Simulation in Healthcare and is one of the inaugural Fellows of the Society for Simulation in Healthcare. He also has served for the past three years on the Editorial Board for Simulation-Based Training and for the past year as an Associate Editor-in-Chief for the Editorial Board for Interactive Computer-Based Education both for the American Society of Anesthesiologists.



#### **Adam I. Levine, M.D.**

Dr. Levine is Professor of Anesthesiology, Otolaryngology and Pharmacological Sciences and serves as Vice Chair of Education for the Department of Anesthesiology at the Mount Sinai Health System. He has been the program director of the core anesthesiology program since 1996.

He was named Director of Simulation in 1994 when the department acquired the first beta-test version of the Gainesville Anesthesia Simulator commercialized by Loral, now manufactured as the CAE HP, and he served as Associate Medical Director of METI from 2000 to 02.

Dr. Levine has developed innovative programs of simulation-based education and assessment. His team's CARE (Clinical Anesthesia ReEntry) program is perhaps the most notable and has provided simulation-based assessment and retraining for anesthesiologist seeking clinical reentry or independent institutions and state licensing boards seeking physician competency assessment. In addition to being the Editor-in-Chief of ASA's new Editorial Board for Interactive Computer-Based Education, Dr. Levine is an editor on the ASA Editorial Board on Simulation Education, as well as a member of the Board of Directors of the Society for Simulation in Healthcare. Dr. Levine is the Senior Editor of the reference textbook *The Comprehensive Textbook of Healthcare Simulation*, a 50-chapter multidisciplinary reference authored by the world's experts in health care simulation.

He is also the Senior Editor of the series *Comprehensive Healthcare Simulation*, a library of individual companion textbooks that so far includes editions focusing on pediatrics, emergency medicine, anesthesiology, surgery and surgical subspecialties, obstetrics and gynecology, neurosurgery, interprofessional training, simulation center development, simulation technician training, and patient safety, systems integration and enhancement. Dr. Levine has been

the recipient of numerous departmental, institutional, national and international awards. Most notably he is the 2010 recipient of the IARS Teaching Recognition Award and the 2017 ACGME Palmer J. Parker Courage to Teach Award for Program Directors.



#### **Wendy Bernstein, M.D., M.B.A., FASA**

Dr. Bernstein is board certified and a Professor of Anesthesiology, and she serves as the Vice Chair of Education and the Director of Simulation for the Department of Anesthesiology at the University of Rochester Medical Center. She completed her undergraduate education at the University of

Pennsylvania, medical school at Drexel University, anesthesiology residency and cardiothoracic anesthesiology fellowship program at Johns Hopkins Hospital, and M.B.A. at the University of Maryland.

She previously served as the Cardiothoracic Anesthesiology Fellowship Director for 17 years and the Director of Simulation for seven years for the Department of Anesthesiology at the University of Maryland School of Medicine. There, she developed innovative simulation programs and fully integrated simulation activities, such as skills training and multidisciplinary team training, into the three-year anesthesiology residency curriculum. Dr. Bernstein has been serving as the Director of MAPS, which is the Maintenance of Certification Program in Anesthesiology (MOCA) at the University of Maryland Medical Center, since 2013.

Dr. Bernstein is engaged in research for team training and communication and has presented locally, nationally and internationally throughout Asia on various topics in simulation. Dr. Bernstein is a member of the American Society of Anesthesiologists (ASA) Simulation Education Network (SEN) where she serves as Chairman of the Obstructive Structured Clinical Examination (OSCE) workgroup. Additionally, she serves on the ASA Editorial Board for Interactive Computer-Based Education, is appointed to the Governance Committee for Society for Simulation in Healthcare, is a reviewer for the annual International Meeting on Simulation in Healthcare and is an ABA Board Examiner. Furthermore, she has served as an ASA Delegate for many years for the Maryland Society of Anesthesiology, as well as a member of several ASA committees, including the Committees on Professional Diversity and Scientific and Educational Exhibits, and ASA Educational Track Subcommittee on Professional Issues. Recently, Dr. Bernstein was elected to Association of University Anesthesiologists (AUA).