

Jeffrey Cooper, PhD – Executive Director



Dr. Cooper is the Director of Biomedical Engineering for Partners Healthcare. He is also co-founder and board member of the Anesthesia Patient Safety Foundation, and a member of the National Patient Safety Foundation Board of Governors. Since earning his doctorate in Chemical Engineering from the University of Missouri, he has dedicated his career to patient safety. Dr. Cooper is the recipient of numerous awards, including the 2003 John M. Eisenberg Award for Lifetime Achievement in Patient Safety from the National Quality Forum and the JCAHO.

Dan Raemer, PhD – Research Development Director



Dr. Raemer is an Associate Professor at Harvard Medical School's Anesthesia Department, where he has received a special teaching achievement award for his simulation work. Dr. Raemer has also applied his doctorate in Bioengineering from the University of Utah to his work as president of the Society of Technology in Anesthesia and of the Society for Simulation in Healthcare, of which he also was a founder and first Chairperson of the Board of Overseers.

Robert Simon, EdD CPE – Education Director



Dr. Simon is a human factors specialist and educator with a doctorate in education from the University of Massachusetts. For the past 20 years, Dr. Simon has specialized in research, development and training for high-performance, high-stress teams in aviation and medicine. He worked as principal investigator for the US Army Aircrew Coordination Program, which applies lessons learned from aviation crew resource management to healthcare. Dr. Simon joined CMS in 2002 as Education Director and now serves as the Director of the Institute for Medical Simulation.

Jenny Rudolph, PhD – Associate Director, IMS



Jenny Rudolph is a Lecturer at Harvard Medical School and the Department of Anesthesia and Critical Care, at Massachusetts General Hospital. Drawing on a doctorate from Boston College in organizational studies, ten years of research and experience as a rock climber and world-class rower, Dr. Rudolph has unique expertise in how cognition, emotion and communication interact in high-stakes healthcare situations. At CMS, Dr. Rudolph serves as Associate Director of the Institute for Medical Simulation.

Jordan Halasz **Technical Director**
Sandra Garrelick **Director of Business Development**
Paul Montgomery **Education Coordinator**

William Berry, MD, FACS, is board-certified in General Surgery



and Surgical Intensive Care. A research fellow in the Department of Anesthesia at Massachusetts General Hospital and a research associate at the Harvard School of Public Health, he is also a faculty member at the Institute for Healthcare Improvement. Dr. Berry has taught clinical process improvement extensively for IHI and serves on the Workforce on Patient Safety for the Society of Thoracic Surgeons. Since 2003, he has taught simulation, researched and designed scenarios, particularly for surgeons and surgical teams, at the Center for Medical Simulation.

Bob Nadelberg, MD is a Faculty member at the Harvard Medical



School and Tufts Medical School. He is a board certified anesthesiologist, he has engaged in private practice for the past 30 years. His endeavors include training in Crisis Resource Management, patient safety, and team building. At CMS, Dr. Nadelberg has taught and developed simulation course material for diverse projects, and is currently planning a curriculum in simulation for private practice anesthesia practitioners.

Toni Walzer, Assistant Clinical Professor of Obstetrics, Gynecology,



and Reproductive Biology at Harvard Medical School, has been a member of the active staff of Brigham & Women's Hospital since 1981. She is involved in patient safety and reduction of medical errors in the field of Obstetrics and Gynecology. Dr. Waltzer teaches at Harvard Medical School, serves as an OB-GYN malpractice claims consultant for Harvard's Risk Management Foundation, and is a member of ProMutual Group's In-House Review Panel. She has been a faculty member at the Center for Medical Simulation since January 2002, and as co-director of the course, designs and implements simulation-based team training and crisis resource management for labor and delivery personnel.

Roxane Gardner, MD is a board-certified Obstetrician-Gynecologist



and Assistant Professor of Obstetrics, Gynecology and Reproductive Biology at Harvard Medical School. Dr. Gardner has been a faculty member of the Department of Obstetrics and Gynecology at Brigham and Women's Hospital since 1999. In 2002, she joined CMS and has helped design and implement a simulation-based, team-training program for labor and delivery personnel. Dr. Gardner is currently expanding her work in obstetrical simulation-based training and exploring ways to apply this training to address racial/ethnic health disparities at the provider level.

Tony Dancel **Simulation Specialist**
Rhonda Young **Administrative Coordinator**



CENTER FOR
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 SIMULATION

Faculty Instructors

William Berry, MD MPA	Massachusetts General Hospital
Richard Blum, MD	Children's Hospital Boston
Marisa Brett-Fleegler, MD	Children's Hospital Boston
Jean Bruch, MD	Massachusetts Eye and Ear Infirmary
John Carroll, ScD	MIT Sloan School
Meghan Dierks, MD	Beth Israel Deaconess Medical Center
Lena Dohlman, MD	Cambridge Hospital
David Feinstein, MD	Beth Israel Deaconess Medical Center
Roxane Gardner, MD MPH	Brigham & Women's Hospital
James Gordon, MD MPA	Massachusetts General Hospital
Monique Huvos, MD	Beth Israel Deaconess Medical Center
Robert Nadelberg, MD	Newton-Wellesley Hospital
Andres Navedo, MD	Children's Hospital Boston
John Pawlowski, MD	Beth Israel Deaconess Medical Center
May Pian-Smith, MD	Massachusetts General Hospital
Jenny Rudolph, PhD	Boston University
Roger Russell, MD	Brigham & Women's Hospital
Erik Shank, MD	Massachusetts General Hospital
Neelakantan Sunder, MD	Massachusetts General Hospital
Susan Vassallo, MD	Massachusetts General Hospital
Mark Volk, MD	Children's Hospital Boston
Toni Beth Walzer, MD	Center for Medical Simulation
Peter Weinstock, MD PhD	Children's Hospital Boston
Daniel Zapon, MD	Beth Israel Deaconess Medical Center
Molly Zirkle, MD	University of Toronto

Board Members

Robert Barbieri, MD

Kate Macy Ladd Professor of Obstetrics, Gynecology and Reproductive Biology, Harvard Medical School Chief, Department of Obstetrics & Gynecology, Brigham & Women's Hospital

James A. Gordon, MD MPA

Founder and Director, Gilbert Program in Medical Simulation, Harvard Medical School
 Assistant Professor of Medicine, Harvard Medical School
 Department of Emergency Medicine, Massachusetts General Hospital

Gerald Healy, MD

Gerald B. Healy Professor of Otolaryngology and Laryngology, Harvard Medical School
 Chief, Department of Otolaryngology, The Children's Hospital Boston

Paul Hickey, MD

Professor of Anaesthesia, Harvard Medical School
 Anesthesiologist-in-Chief, The Children's Hospital Boston

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 Associate Professor of Anaesthesia, Harvard Medical School
 Staff Anesthesiologist, Beth Israel-Deaconess Medical Center

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Chief Information Officer and Vice President of Loss Prevention and Patient Safety, Risk Management
 Foundation of the Harvard Medical Institutions Instructor in Medicine, Harvard Medical School

Charles A. Vacanti, MD

Leroy D. Vandam/ Benjamin G. Covino Professor of Anaesthesia, Harvard Medical School
 Anesthesiologist-in-Chief, Brigham & Women's Hospital