



MUSC Health

Clinical Leadership

Contents:

- 1 **Raymond S. Greenberg, M.D. Ph.D.**
President of MUSC
- 2 **Stuart Smith, M.D.**
*Vice President for Medical Affairs
Dean, College of Medicine*
- 3 **Joseph Gerald Reves, M.D.**
*Vice President for Medical Affairs
Dean, College of Medicine*
- 4 **John R. Feussner, M.D., MPH**
Professor and Chairman, Department of Medicine
- 5 **Patrick J. Cawley, M.D., M.B.A.**
Executive Medical Director
- 6 **Eric R. Powers, M.D.**
Medical Director, Heart and Vascular Center
- 7 **Mark DeLegge, M.D., FACG, CNSP, AGAF, FASGE**
Medical Director, Digestive Disease Center
- 8 **Michael R. Gold, M.D., Ph.D.**
Chief of Cardiology
- 9 **Peter B. Cotton, M.D.**
Professor of Medicine
- 10 **Fred A. Crawford Jr., M.D.**
Chief, Cardiothoracic Surgery



Raymond S. Greenberg, M.D., Ph.D. *President of MUSC*

Dr. Greenberg has been at the Medical University of South Carolina (MUSC) for 12 years, first in 1995 as Vice President for Academic Affairs and Provosts, and in 2000, he was appointed President of MUSC.

During his presidency, new educational facilities have been constructed for the colleges of Health Professions and Dental Medicine, and five new research building have been either designed or constructed, including facilities for children's health, cancer, drug discovery and development, bioengineering and clinical research.

He has placed a strong emphasis on statewide outreach and collaboration. MUSC has partnered with Clemson University in a Bioengineering Alliance and with the University of South Carolina in an integration of the state's two pharmacy schools. Most significantly, the state's three research universities and four largest hospitals have joined together in the formation of the Health Sciences South Carolina – an unprecedented collaboration to improve health, advance medical research and stimulate economic development.

Dr. Greenberg is nationally recognized for his research on the causes of cancer, with particular focus on cancer among African Americans. He has been appointed to many national advisory boards including the chairmanship of the Epidemiology Study Section of the National Institutes of Health and the Preventive Medicine/ Public Health Test Committee of the National Board of Medical Examiners.

Prior to his arrival in Charleston, Dr. Greenberg served at Emory University as chair of Biostatistics and Epidemiology in the School of Medicine and as the first dean of the School of Public Health.

Dr. Greenberg graduated from the University of North Carolina in 1976 with highest honors in chemistry, completed his medical studies at Duke University in 1979, received a Master of Public Health degree from Harvard University in 1980 and completed a doctorate in epidemiology at the University of North Carolina in 1983.



W. Stuart Smith

Vice President for Clinical Operations

Executive Director, MUSC Medical Center



Mr. Smith is the Vice President for Clinical Operations and Executive Director at the Medical University of South Carolina (MUSC) Medical Center.

Mr. Smith was among the pioneers within academic health centers in developing planning and marketing strategies. The MUSC Medical Center strategic and tactical plans developed under Mr. Smith's direction provided both the broad framework and specific objectives which have enabled the Medical Center to achieve record levels of service within a highly competitive environment.

Mr. Smith developed and led the strategic planning process for MUSC Medical Center's multi-phase expansion, which will ultimately replace the existing

facilities which for the last 50 years have served as the teaching hospital for MUSC.

Under Mr. Smith's direction, MUSC Medical Center has gained widespread national recognition for designation as a Top 100 hospital and designated by National Research Corporation as the recipient of ten consecutive Consumer Choice Awards in overall quality and image and heart care services. Specialties including cardiovascular, digestive disease, respiratory, rheumatology and psychiatry have been ranked in *U.S. News & World Report*. Under his leadership, the Children's Hospital has consistently been ranked a top children's hospital by *Child* magazine.

Mr. Smith received his Master's in Health Administration from the Medical College of Virginia, a Master's in Business Administration from Michigan State University and Bachelor of Science degree from Washington & Lee University.

Mr. Smith serves on the Board of Directors for several health care organizations including the South Carolina Hospital Association, University HealthSystem Consortium, and the American Heart Association, Mid-Atlantic Affiliate. He is active with the Association of American Medical Colleges and involved with the American College of Healthcare Executives (Fellow), and the American Red Cross/Carolina Lowcountry Chapter.

He currently holds the rank of Assistant Professor of Health Professions with the MUSC College of Health Professions and periodically conducts lectures.

Joseph Gerald Reves, M.D.

Vice President for Medical Affairs

Dean, College of Medicine



Dr. Reves is the Dean of the College of Medicine and Vice President for Medical Affairs at the Medical University of South Carolina (MUSC). He previously served as the Chairman of the Department of Anesthesiology.

Dr. Reves received his medical degree in 1969 from MUSC and completed his medical internship and anesthesiology residency at University of Alabama Hospital and Clinics. He also earned a Masters of Science degree at the University of Alabama Birmingham (UAB) in physiology and biophysics.

Dr. Reves served as an instructor with the UAB Department of Anesthesiology in 1973 and later that year, joined the Anesthesiology Department Training Staff at the National Naval Medical Center in Bethesda, Maryland. Concurrently, he served as a clinical instructor of anesthesiology at the George Washington School of Medicine.

In 1975, Dr. Reves returned to UAB as an associate professor in his former department and soon was appointed director of anesthesiology research and professor. A pioneer clinical investigator who helped launch the cardiac anesthesiology subspecialty, Dr. Reves served as the first elected President for the Society of Cardiovascular Anesthesiologists. Dr. Reves has been elected to and led numerous medical boards, societies and organizations such as the Association of University Anesthetists, the Association of Cardiac Anesthesiologists and the International Anesthesia Research Society.

In 1984, he joined Duke University Medical Center as Professor of Anesthesiology and Director of Cardiothoracic Anesthesia. He helped found the Duke Heart Center and served as its first director from 1987 to 1997.

Dr. Reves is nationally recognized for his contributions to anesthesia clinical research. As the Director of the UAB's Division of Anesthesiology Research, Dr. Reves laid the foundation for the department's NIH funding. His work has been published in over 200 scientific publications and under his leadership the Duke Department of Anesthesiology ranked as high as number two in NIH funding.

He is credited with creating the nation's most prominent cardiovascular anesthesia fellowship programs. In 2001, Dr. Reves returned to MUSC as the Dean of the School of Medicine. In 2006, he was given the Society of Cardiovascular Anesthesiology Distinguished Service Award and gave the American Society of Anesthesiology's annual Rovenstine Lecture.

John R. Feussner, M.D., MPH

Professor and Chairman, Department of Medicine



Dr. Feussner is Professor and Chairman of the Department of Medicine at the Medical University of South Carolina (MUSC). Dr. Feussner is also Professor in the Department of Biostatistics and Epidemiology, and the Department of Neurology.

Before becoming Chairman of Medicine, Dr. Feussner was the Chief Research and Development Officer for the Department of Veterans Affairs from 1996-2002. During that time, he served also as the Director of the VA Cooperative Studies Program. During his term as the Director of VA CSP, Dr. Feussner dramatically expanded the VA budget dedicated to clinical trials, established epidemiology research centers focused on population based research, created formal international

collaborations with the United Kingdom MRC and the Canadian CIHR, dramatically expanded trials collaboration with the pharmaceutical industry and initiated novel trials in surgery, health services research and rehabilitation medicine.

While in Washington, D.C., Dr. Feussner served on the President's Committee on Science in the Office of Science and Technology Policy. He was Chairman of the Gulf War illnesses research working group for the consortium of the Department of Veterans Affairs, Department of Defense and Department of Health and Human Services. He served on the Policy Council for the AHCP and the Clinical Trials Inquiry Panel for the United Kingdom's MRC. He currently serves on multiple advisory committees for the Department of Veterans Affairs and the Department of Defense.

Prior to his time in Washington, D.C., Dr. Feussner was a Professor of Medicine and Chief of the Division of General Internal Medicine at Duke University Medical Center. Dr. Feussner co-founded and co-directed the Biometry training program at Duke in 1986, one of the first clinical research training programs directed specifically to physician investigators.

Dr. Feussner completed his undergraduate education at the University of Pennsylvania, received his medical degree from the College of Medicine at the University of Vermont and his MPH degree from the University of North Carolina in Chapel Hill.

He has authored or co-authored more than 160 scientific publications. Dr. Feussner has received numerous honors. He is a member of Alpha Omega Alpha, the National Medical Honor Society and is a Fellow in the American College of Physicians.

Patrick J. Cawley, M.D., M.B.A.

Executive Medical Director



Dr. Cawley is the Executive Medical Director at the Medical University of South Carolina (MUSC). In this role he oversees quality, clinical effectiveness, and clinical service lines at MUSC Medical Center. He received his medical degree at Georgetown University School of Medicine in Washington, D.C. and conducted his residency at Duke University Medical Center in Durham, North Carolina. He is board certified in internal medicine. In addition, he completed his Master's in Business Administration from the Isenberg School of Management at the University of Massachusetts-Amherst.

Dr. Cawley came to MUSC in 2003 to serve as the Director of Hospitalist Services and Associate Executive Medical Director. Prior to his arrival at MUSC, Dr. Cawley was chief of staff at Conway Medical Center in Conway, South Carolina. He previously served as the Director of General Internal Medicine Inpatient Service and Consultation Service at Duke University Medical Center. He co-founded the first hospitalist program at Duke.

He is active in several professional organizations including the American College of Healthcare Executives, American Hospital Association and American College of Physicians. He is active regionally and nationally with the Society of Hospital Medicine, where he currently serves as President-elect. In addition, he has been a volunteer physician for many organizations.

Dr. Cawley is a frequently sought lecturer on the competitive advantages of hospitalist programs, hospital-physician collaboration in quality improvement and patient safety.

Eric R. Powers, M.D.

Medical Director, Heart and Vascular Center



Dr. Powers is Medical Director of the Heart and Vascular Center at the Medical University of South Carolina (MUSC). He is also a professor of medicine and director of the Acute Coronary Syndrome Center at MUSC where he has been on staff since 2005.

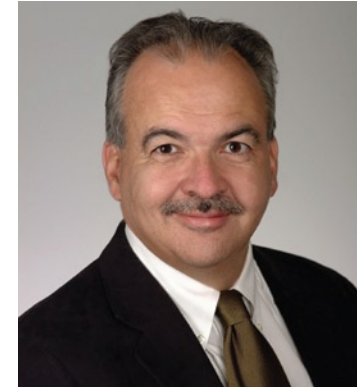
Dr. Powers received his doctor of medicine degree from Harvard University and completed a residency in medicine and a fellowship in cardiology at Massachusetts General Hospital in Boston. Prior to his arrival at MUSC, Dr. Powers was the Director of Cardiac Catheterization Laboratory at University of Virginia Hospital. He is the author of more than 100 journal articles and has lectured and presented at numerous conferences nationwide.

His clinical interests are invasive, interventional and general cardiology. Dr. Powers' research career has involved both laboratory and clinical research. Areas of research have included acute myocardial infarction, acute coronary syndromes, interventional cardiology, vascular biology, congestive heart failure and valvular heart disease.

Dr. Powers is active in numerous professional organizations, including the American Heart Association, the American College of Cardiology and The Society for Cardiac Angiography and Interventions. Dr. Powers has served on research and educational committees for these organizations and has served as an editorial consultant for a number of medical journals. Dr. Powers also has served on an National Institutes of Health study section and grant review panels for The American Heart Association and NASA.

Mark DeLegge, M.D., FACG, CNSP, AGAF, FASGE

Medical Director, Digestive Disease Center



Dr. DeLegge is the Medical Director of the Digestive Disease Center at the Medical University of South Carolina (MUSC). A professor of medicine at MUSC, Dr. DeLegge also serves as director for the Section of Nutrition and medical director of Nutrition Services. He also is chairman of the nutrition committee, the pharmacy and therapeutics committee and the dietetic internship program.

Dr. DeLegge received his doctor of medicine degree from the University of Maryland and completed a residency in medicine at the University of Connecticut Health Center and a fellowship in gastroenterology at the Medical College of Virginia. Dr. DeLegge is board certified in internal medicine, gastroenterology and nutrition.

He is the author of more than 100 journal articles and dozens of book chapters. He is the editor of the textbook, *Handbook of Home Nutrition Support* and has served as an editor and co-author of several other textbooks. Dr. DeLegge is an editor of the *ASPEN Practice Guidelines, Digestive Diseases and Science and Nutrition in Clinical Practice*.

Dr. DeLegge is active in numerous professional organizations including the American College of Gastroenterology, the American Society of Gastrointestinal Endoscopy, the American Gastroenterological Association and the American Society for Nutrition Sciences.

Dr. DeLegge specializes in managing complex medical problems such as malabsorption and short bowel syndrome. His nutrition research focuses on nutritional assessment, parenteral nutrition and enteral nutrition. Dr. DeLegge also specializes in the fields of hemorrhoid treatment, gastrointestinal fistula treatment, gastrointestinal stenting, endoscopic treatment of GERD and Barrett's esophagus, and stricture/achalasia dilation. He is very active in the development of new endoscopic techniques, especially in the field of the endoscopic management of obesity.

Michael R. Gold, M.D., Ph.D.
Chief of Cardiology



Since February 2002, Dr. Gold has been the Chief of Cardiology at the Medical University of South Carolina (MUSC). Dr. Gold is the author of more than 250 publications. He is board certified by the American Board of Internal Medicine, Cardiovascular Disease and Clinical Cardiac Electrophysiology. His special interests include electrophysiology, adult cardiology and arrhythmias, and he is a pioneer in the development of new defibrillation techniques and pacing for congestive heart failure.

Dr. Gold received his medical degree from the University of Colorado in 1985 and his Ph.D. degree from the University of Virginia in 1979. He completed his residency and cardiology fellowship at Massachusetts

General Hospital in 1991. Immediately thereafter, Dr. Gold joined the faculty of University of Maryland where he was the Director of the Cardiac Electrophysiology Service and Assistant Professor of Medicine and Physiology. In 2001, he became Professor of Medicine in the Department of Medicine.

Dr. Gold's major clinical research interests are in the optimization of defibrillation function, risk stratification of sudden cardiac death, pacing for congestive heart failure and ablation of cardiac arrhythmias.

Dr. Gold is actively involved in numerous professional organizations including the American Heart Association, American College of Cardiology and the Heart Rhythm Society. His expertise has been documented in hundreds of peer reviewed journals, and he holds many editorial positions including *Journal of Cardiovascular Electrophysiology*, *The American Journal of Cardiology*, *Current Cardiology Reports*, *Heart Rhythm*, *PACE* and *Journal of Cardiothoracic-Renal Research*.

Peter B. Cotton, M.D.
Professor of Medicine



Dr. Cotton is Professor of Medicine in the Digestive Disease Center at the Medical University of South Carolina (MUSC) and Medical Director of the MUSC Digestive Disease Center from 1994-2007

Dr. Cotton graduated in 1963 from the University of Cambridge and St. Thomas Hospital Medical School in London. He developed the endoscopy laboratory at St. Thomas Hospital while still officially in training, and brought ERCP back from Japan in 1971. In 1973, he was appointed to the faculty of the Middlesex Hospital and Medical School in London as Director of

Gastroenterology where he developed a new department, integrating medical and surgical gastroenterology with an emphasis on endoscopic therapy and teaching. His group pioneered many diagnostic and therapeutic endoscopy procedures, particularly ERCP (sphincterotomy and stenting).

Dr. Cotton left England in 1986 to become professor of medicine and chief of endoscopy at Duke University. He moved to Charleston in 1994 to initiate the Digestive Disease Center.

Dr. Cotton has been active in many national and international organizations and has given invited lectures and demonstrations in 47 countries. He helped form the British Society for Digestive Endoscopy and served as the vice president and treasurer of the British Society of Gastroenterology. He was secretary of the European Society of Gastrointestinal Endoscopy, and president of the Pancreatic Society of Great Britain and Ireland. He is an honorary member of the British Society of Gastroenterology and the South African Gastroenterology Society. Dr. Cotton was awarded the Rudolph Schindler award of the American Society of Gastrointestinal Endoscopy in 2004.

His bibliography includes 819 publications, including 242 original contributions in peer reviewed journals and 24 books. *Practical Gastrointestinal Endoscopy* is the standard teaching text, currently in its 5th Edition and has been translated into several languages. He has been on the editorial boards of 12 gastroenterology journals and was the first international editor of *Gastrointestinal Endoscopy*.

Fred A. Crawford Jr., M.D.

Chief, Cardiothoracic Surgery



Dr. Crawford is the Chief of Cardiothoracic Surgery at the Medical University of South Carolina (MUSC) where he also serves as professor of surgery and professor of pediatrics. From 1988-2007, he has served as the Chairman of the Department of Surgery.

Dr. Crawford received his medical degree in 1967 at Duke University, graduating first in his class. He went on to complete his residency program at Duke University Medical Center. Between 1969–1971, Dr. Crawford served as a Major in the U.S. Army Reserve and was twice based at the U.S. Army Hospital in Fort Jackson, South Carolina.

When Dr. Crawford came to MUSC as Chief of Cardiothoracic Surgery 25 years ago, his goal was to create a comprehensive full-service cardiac program in South Carolina, to ensure all residents had access to the best minds in medicine in their own state. Since that time, the program has grown to offer the entire spectrum of cardiac surgery including pediatric heart surgery, transplantation, aortic surgery, coronary bypass, advance canal surgery, ventricular restoration, surgery for congestive heart failure and ventricular assist device.

Dr. Crawford's major interest is in the field of congenital heart defects and mitral valves. He began repairing mitral valves in the early 1980s after visiting Paris and learning from Alain F. Carpentier, M.D, Ph.D., who is acknowledged as the father of the modern mitral valve repair.

He is widely published and considered an international expert in the field of congenital heart defects and mitral valves. He has served as an editorial reviewer for many journals including *Journal of Thoracic and Cardiovascular Surgery*, *Chest* and *Circulation*.

Dr. Crawford is active in numerous professional organizations including the American Association for Thoracic Surgery where he served as Vice-President and President, Joint Council on Thoracic Surgery Education, the World Heart Foundation, American Surgical Association, Larry King Cardiac Foundation and the American College of Cardiology. He also served on the American Board of Thoracic Surgery for 10 years including a term as Vice Chairman and Chairman.



MUSC Health
MEDICAL UNIVERSITY *of* SOUTH CAROLINA