



James W. Colbert, Jr., M.D.  
Endowed Lectureship  
and Faculty Convocation

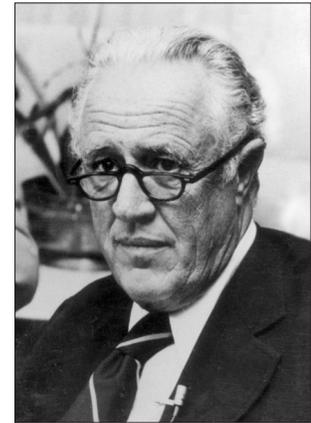
August 22, 2017

Charleston, SC

# JAMES W. COLBERT, JR., M.D.

MUSC VICE PRESIDENT FOR ACADEMIC AFFAIRS | 1969-1974

On February 1, 1969, Dr. James W. Colbert, Jr., arrived at the Medical University of South Carolina as its first Vice President for Academic Affairs. Through his academic training and several years of leadership experience at Yale, St. Louis and the National Institutes of Health, Dr. Colbert was more than prepared for the challenges he faced at MUSC. Indeed, he was the perfect person for the job ahead. During his five years as Vice President, Dr. Colbert oversaw the Medical University through a period of unparalleled growth. A visionary, facilitator, and advocate, Dr. Colbert worked with faculty and staff to strengthen the university's core missions – education, research, and patient care. His work built the foundation for MUSC's rise as a nationally renowned academic medical center, including a major role in the development of South Carolina's statewide system of health education (AHEC), and the Medical University's Family Practice program.



Dr. Colbert was a man of great diplomacy, fairness, and pragmatism. Believing in the enormous potential of MUSC, he dedicated his five years as Vice President to expanding its stature and reputation beyond South Carolina. By recruiting exceptional faculty and staff, expanding research activities, and improving its academic programs, he laid the groundwork that guided the University into the 21st century. Though his life was tragically cut short, Dr. Colbert's lasting impact on MUSC is still seen and felt today.

To commemorate Dr. Colbert's distinguished contributions and service to health care education and to MUSC, the Office of the Executive Vice President for Academic Affairs and Provost is pleased to host the inaugural Dr. James W. Colbert, Jr., Endowed Lectureship in conjunction with Faculty Convocation 2017.

The Colbert Lectureship was established through the generosity and love of his family, to honor Dr. Colbert's tenure as Vice President for Academic Affairs at MUSC.

*"He was a transformative person because he had this vision and a way to transform the school, and he could persuade others that we could do it. He was marvelous in that way. He was a wonderful man and he did it with humor, with gentleness, and persistence. That's just who he was."*

- Dr. Layton McCurdy

*"Well, Jim is keeping an eye on this place. I can only believe he would take great satisfaction in the advances that have taken place recently. The major advances, the dramatic innovations, continuations, and positive programs that have occurred seamlessly and recently toward a much better and a much more outstanding medical university."*

- Dr. W. Curtis Worthington

*"What impressed me was that he was an approachable individual. He was sort of low key. He looked at you over his glasses. He wore reading glasses, and he would look over and sort of, while you were talking to him, but you got the feeling that he really was listening to you and that he really cared about what you were saying. He really helped the Medical University define its role. I just remember him as a very unassuming, competent individual who was a good listener and who, in general, did a good bit for this institution in a very quiet unassuming way."*

- Dr. H. Biemann Othersen

Special thanks to E. Brooke Fox, MUSC University Archivist, Waring Historical Library for sharing historical records and photos for this program.

# FACULTY CONVOCATION

Faculty Convocation, a time-honored tradition, symbolically marks MUSC's formal introduction to the new academic year. Convocation provides an opportunity for faculty across all colleges to come together as a single academic community. Today we recognize faculty members for their outstanding contributions in education, clinical practice, and research as reflected by the awards herein. These men and women represent MUSC's finest. The MUSC community extends our congratulations to them.

## TEACHING EXCELLENCE AWARDS

In 1994, the Medical University of South Carolina established a program to recognize faculty who have made outstanding contributions to the University's teaching mission.

Faculty may be nominated by students, other faculty, or administrators and may be chosen to receive awards each year in the following categories: Educator-Mentor, for excellence in mentoring and serving as a role model for students in clinical or research activities; Educator-Lecturer, for excellence in classroom teaching; and Developing Teacher, for excellence in teaching by a junior faculty member.

## DEVELOPING SCHOLAR AWARDS

In 1985, the Medical University of South Carolina established an award to recognize junior faculty who have made outstanding contributions to the research mission of the University and to promote the continued development of these scholars. Recipients are those who have successfully demonstrated the capacity to compete for extramural funding while they are still in the formative stages of their careers and who demonstrate exceptional promise. Candidates are nominated by their peers, must be faculty members holding the rank of Assistant Professor, and must have been on the faculty for at least two, but no more than six academic years.

## PEGGY SCHACHTE RESEARCH MENTOR AWARDS

In 2012, The Medical University of South Carolina Board of Trustees established a program through the Medical University of South Carolina (MUSC) Foundation, formerly the Health Sciences Foundation, to recognize individuals at MUSC who have excelled in mentoring faculty in obtaining research support from private and public organizations or government agencies. As stated in the policies governing this award, "This award was established by an endowment from the College of Medicine in honor of Margaret P. (Peggy) Schachte, MBA, who founded and served as Director of the MUSC Office of Research Development from 1995 to 2009. During her tenure, Peggy recognized the significance of research mentorship and played a major role in initiating and championing research mentorship activities at MUSC."

## OUTSTANDING CLINICIAN AWARDS

The Outstanding Clinician Award honors full-time faculty of any duration of service who have made outstanding contributions to patient care at the Medical University of South Carolina. Currently active clinicians who commit a significant proportion of their time caring for patients in ambulatory or inpatient settings are eligible for this award. Awardees have demonstrated a high level of professionalism, integrity, and devotion to patient care.

They have gained recognition as dedicated, compassionate, and highly effective clinicians. Their clinical excellence and service commitment identify them as role models for residents, students, and their faculty colleagues.

## POPULATION HEALTH AWARD

The Population Health Award honors a faculty member at the Medical University of South Carolina who has made an outstanding contribution that impacts the health of a population or community by means other than by direct interaction or one-on-one clinical care with patients. Examples could include the implementation of therapeutics, interventions, technology, systems or programs, informatics, protocols, or similar contributions to improve the health outcomes for a population or community. Criteria for award include the value of the contribution, count of population or community affected, strength of evidence of effectiveness of contribution, potential for expansion of contribution and novelty of the contribution. Eligible candidates are faculty of any duration of service and of any track at the six colleges at MUSC.

## DISTINGUISHED FACULTY SERVICE AWARDS

In 1997, the Medical University of South Carolina Board of Trustees established a program through the Medical University of South Carolina (MUSC) Foundation, formerly the Health Sciences Foundation, to recognize faculty who, over a substantial portion of their careers, have provided exceptional and sustained service and who have made contributions in teaching, research, health care, and/or public service to the University and to the citizens of South Carolina. Faculty may be nominated by any member of the MUSC family.

# ANNUAL FACULTY CONVOCATION PROGRAM

## WELCOME AND OPENING REMARKS

Lisa K. Saladin, P.T., Ph.D., FAPTA, FASAHP  
*Executive Vice President for Academic Affairs and Provost  
Medical University of South Carolina*

## REMEMBRANCE OF DR. JAMES W. COLBERT, JR.

Layton McCurdy, M.D.  
*Dean Emeritus  
College of Medicine*

## KEYNOTE ADDRESS

BJ Miller, M.D.  
*Assistant Clinical Professor of Medicine  
University of California San Francisco*

## PRESENTATION OF THE MEDICAL UNIVERSITY OF SOUTH CAROLINA FOUNDATION AWARDS

Adam J. Smolka, Ph.D.  
*Professor  
Department of Medicine  
College of Medicine  
President, Faculty Senate*

Citations of Awardees announced by Thomas G. Smith, Ph.D.  
Professor and Chair, Department of Library Science and Informatics

## TEACHING EXCELLENCE AWARD RECIPIENTS

### EDUCATOR - LECTURER

Patricia Coker-Bolt, Ph.D.

*Associate Professor*

*Division of Occupational Therapy*

*College of Health Professions*

## ACADEMIC-SCHOLARSHIP / EDUCATOR-MENTOR

Laura Kasman, Ph.D.

*Associate Professor*

*Department of Microbiology & Immunology*

*College of Medicine*

## ACADEMIC-SCHOLARSHIP / EDUCATOR-MENTOR

Jason Haney, PharmD.

*Assistant Professor*

*Department of Clinical Pharmacy and Outcome Sciences*

*College of Pharmacy*

## DEVELOPING SCHOLAR AWARD RECIPIENTS

Eric C. Bartee Ph.D.

*Assistant Professor*

*Department of Microbiology and Immunology*

*College of Medicine*

James J. Prisciandaro Ph.D.

*Assistant Professor*

*Department of Psychiatry and Behavioral Sciences*

*College of Medicine*

## PEGGY SCHACHTE RESEARCH MENTOR AWARD RECIPIENTS

Teresa J. Kelechi Ph.D., R.N., F.A.A.N.

*David and Margaret Clare Endowed Chair*

*Professor*

*College of Nursing*

L. Judson Chandler Ph.D.

*Professor*

*Department of Neuroscience*

*College of Medicine*

## OUTSTANDING CLINICIAN AWARD RECIPIENTS

Katherine A. Morgan, M.D., FACS

*Professor of Surgery*

*Division of GI Surgery*

*College of Medicine*

Theresa S. Gonzales, D.M.D., M.S., M.S.S.

*Associate Dean of Curriculum and Strategic Communications*

*Professor*

*Department of Stomatology*

*College of Dental Medicine*

Kelly S. Barth, DO

*Associate Professor*

*Department of Psychiatry & Behavioral Sciences*

*Program Director, Combined Internal Medicine & Psychiatry Residency*

*College of Medicine*

## POPULATION HEALTH AWARD

Kenneth J. Ruggiero, Ph.D.

*Professor*

*College of Nursing*

Anbesaw W. Selassie, Dr.P.H.

*Associate Professor*

*Vice Chair for Faculty Development and Innovation*

*Department of Public Health Sciences*

*College of Medicine*

## DISTINGUISHED FACULTY SERVICE AWARD RECIPIENTS

Jean M. Nappi, Pharm.D., FCCP, BCPS

*Professor,*

*Department of Clinical Pharmacy and Outcome Sciences,*

*College of Pharmacy*

Brad W. Neville, D.D.S.

*Distinguished University Professor,*

*Department of Stomatology, Division of Oral Pathology*

*College of Dental Medicine*

Frederick W. Tecklenburg, M.D.

*Medical Director, Intermediate Care,*

*Department of Pediatrics,*

*Division of Pediatric Critical Care*

*College of Medicine*

CONCLUDING REMARKS

RECEPTION TO FOLLOW

*Hosted by Office of the Executive Vice President  
for Academic Affairs and Provost*

PROGRAM NOTES

*Award Recipient Citations*

CONVOCATION COMMITTEE MEMBERS

Susan Newman

*Committee Chair*

Loretta Lynch-Reichert

*Office of the Executive Vice President and Provost*

Thomas Hamm

Amy Martin

Jennifer Nall

Michael Schmidt

K. Jackson Thomas

Jeff Watkins

Entertainment provided by MUSiC student and faculty members.

# TEACHING EXCELLENCE AWARD EDUCATOR – LECTURER

Patricia Coker-Bolt, Ph.D.

Patty Coker-Bolt, an Associate Professor in the Division of Occupational Therapy, is consistently described as passionate about her profession and the success of her students. She earned her bachelor's and master's degrees at MUSC and her doctorate at Capella University. Dr. Coker-Bolt joined the faculty as an adjunct professor in 2001, rising in the academic ranks to her present position in 2013.

She has earned numerous awards within and without MUSC, including the Medical University of South Carolina Foundation's Developing Teacher award in 2006 and the Teacher-Mentor award in 2012. Other honors include the United States President's Council on Service & Civic Participation Volunteer Service award in 2005 and 2009; Charleston Influential Women in Business Volunteer Award from the Charleston Regional Business Journal; American Occupational Therapy Foundation Patterson Foundation Award for Community Volunteerism in 2011; Charleston Magazine's "Giving Back Award" Volunteer of the Year, also in 2011; and the American Occupational Therapy Association Roster of Fellow Award in 2014. In fact, her list of honors now spans three decades, dating back to 1995 in Florence, South Carolina.

Dr. Coker-Bolt's record of community service is exemplary. Since 2009 she has made medical mission trips to Haiti, Uganda and Nicaragua; she has served on the board of directors of the Charleston Miracle League since 2004; she has served on the Pattison's Academy board of directors for 11 years; and in 2015 and 2016 she participated in the Wounded Warriors Amputee softball game. She also has worked extensively with the MUSC CARES Clinic for the uninsured and under-insured, and Camp Hands2Hands for children with hemiparesis, both student-run projects.

A sampling of supporting letters from former students provides the foundation for the honors Dr. Coker-Bolt has received over the years. "She is dedicated to getting to know each of us as individuals and making sure we get the most out of our overall academic experience," says a 2017 graduate. Another graduate says Dr. Coker-Bolt "always put us students first, had the best in mind for the women abroad, took a global approach to every problem, and showed compassion throughout the whole project."

The source of her honors and the admiration of her students can be found in her philosophy of teaching where she believes "in the power of engagement and the importance of creating a practice community in which students engage in hands-on learning opportunities. Consequently, I place great importance on activities in which our students serve children and adults with disabilities through community based programming." Dr. Coker-Bolt further says, "We all learn best by doing." Her community service, both locally and abroad, serves a dual purpose: leading her students by example and instilling in them a sense of giving back to the community.

Her contributions to academia, research and clinical care, especially to some of most vulnerable citizens, display the highest attributes to which this institution holds dear. Therefore, it is with great pride that the Medical University of South Carolina Foundation presents to Patricia Coker-Bolt, Ph.D., this award for Teaching Excellence in the category of Educator-Lecturer on this Twenty-second day of August in the year Two Thousand and Seventeen.

# TEACHING EXCELLENCE AWARD EDUCATOR - MENTOR / ACADEMIC-SCHOLARSHIP

Laura Kasman, Ph.D.

Laura Kasman, Ph.D., is an excellent teacher, based on the opinions of her colleagues and students. In the course of her faculty work, however, she also has become an excellent student. She received her bachelor's and master's degrees from the University of Wisconsin, Madison, and her doctorate in virology from Harvard University. She performed postdoctoral studies at the Massachusetts Institute of Technology; the University of Georgia, Athens; the University of California, Berkeley; and the Medical University of South Carolina. She joined the MUSC faculty in 2005.

An Associate Professor of Microbiology and Immunology in the College of Medicine, Kasman was led to a science career, as she explains in her teaching philosophy, because "I preferred subjects that dealt with objective facts. Time standardized tests and reproducible experimental results were my friends." Even the sports in which she engaged, such as track and cross country, had only "objective winners" with no critical need of referees or judges. That same standard, noble as it was, could not hold when evaluating dissertations or judging science fairs as a team, she learned. "By analogy, there is not only one way to sing beautifully," she says. "My students and colleagues have taught me this by example, and for this I am grateful."

Dr. Kasman's students, especially, have reciprocated that gratitude with several nominations for teaching honors. She has served as a Graduation Marshal four times between 2009 and 2016; won the Golden Apple Award three of the five times she has been nominated, plus earning a Golden Apple Special Appreciation Award in 2016; and earned Teacher of the Year honors two of the five times she has been nominated by second-year College of Medicine students. She has been nominated for the Medical University of South Carolina Foundation's teaching awards three times prior to this year.

Student comments about her classes often describe her as well organized, enthusiastic and caring. "She is an amazing lecturer and advocate for students learning," writes one student. "I know it's not always possible but I wish she taught more lectures!!!"

Cynthia Wright, Ph.D., Professor of Microbiology and Immunology and Associate Dean for Admissions and Career Development in the College of Graduate Studies, credits Dr. Kasman for leadership and vision in several areas, including teaching, mentoring and establishing a rapport with students. "During her tenure as the Graduate Program Director for Microbiology and Immunology, 100 percent of the master's and 75 percent of the Ph.D. students successfully completed their degrees," Wright says. "She provided much structure and support for these students and there is no doubt that without her efforts these numbers would not be as high." On the walls of her office, Dr. Wright adds, Dr. Kasman keeps progress charts of all her Postbaccalaureate Research Education Program (PREP) students, and even lent some of them money in times of need.

In summation, Dr. Kasman's level of professionalism, integrity and compassion for her students is of the highest caliber. She has rightfully earned the respect and admiration of colleagues and students alike. Therefore, the Medical University of South Carolina Foundation is proud to present this Teaching Excellence Award in the category of Educator-Mentor : Academic-Scholarship to Laura Kasman, Ph.D., on this Twenty-second day of August in the year Two Thousand and Seventeen.

# TEACHING EXCELLENCE AWARD EDUCATOR - MENTOR / CLINICAL - PROFESSIONAL

## Jason S. Haney, Pharm.D.

Be it time, expertise or patience, Jason S. Haney, PharmD, is a generous individual. Add a laugh that cuts through the tension brought on by a demanding critical care environment or a well-timed quip, and all the attributes are there for a model teacher. Supporting documents submitted by colleagues and doctoral candidates repeatedly emphasize these qualities when describing Dr. Haney, an Assistant Professor in the Department of Clinical Pharmacy and Outcomes Sciences for the Medical University of South Carolina's College of Pharmacy.

He is considered a leading authority in the critical care field, an area many pharmacy candidates feel is one of the most challenging aspects of their education. In fact, he coordinates the college's Advanced Cardiac Life Support Week in the simulation center. Kelly Ragucci, PharmD, Professor and Chair of Clinical Pharmacy and Outcome Sciences, says the college is "extremely fortunate to have him mentoring students on a daily basis while they are on their critical care rotation... in addition to co-coordinating and teaching in various courses within our curriculum."

One doctoral candidate, who describes Dr. Haney's critical care knowledge as intimidating, admits he "never felt pressure from him to be at a level higher than I was." On the contrary, Dr. Haney was a constant source of assurance and encouragement. "He perceived my strengths before I did, and encouraged me to see myself with grace and patience," the candidate says. "I consider my time spent with Dr. Jason Haney to have bolstered my character, created a reference point for my future, and set the tone of my year of rotation learning."

Other doctoral candidates voice similar sentiments, emphasizing Dr. Haney's ability to adapt his teaching style to enable each student to process the information at his or her pace. "He devoted hours on a daily basis to detailed topic discussions from which I gained a comprehensive understanding of the subjects discussed," says another.

A graduate of Wofford College, Dr. Haney served as a captain in the U.S. Army Medical Corps prior to earning his doctorate at MUSC in 2007 and becoming a decentralized clinical pharmacist. He joined the faculty in 2010.

In his philosophy of teaching, Dr. Haney quotes noted scientist Albert Einstein, who said, "Education is what remains after one has forgotten what one has learned in school." "Students may quickly forget the specifics of my teachings," Dr. Haney says, "but they should be well prepared to practice the transfer of learning, that is, applying learned information to new situations. Though I will never be perfect," he adds, "I strive to learn from each student and patient encounter. I aim to consistently seek and embrace new information and, by example, inspire students to continue a pursuit of lifelong learning."

To date, his methods have earned him several nominations and awards for teaching excellence, including the South Carolina College of Pharmacy Department of Clinical Pharmacy and Outcome Sciences Excellence in Service Award and as a faculty mentor in the American Association of Colleges of Pharmacy Walmart Scholar Program. To this impressive listing, the Board of Directors of the Medical University of South Carolina Foundation, in recognition of his contributions to academic accomplishment, is pleased to present Jason S. Haney, PharmD, the Teaching Excellence Award in the category Educator-Mentor: Clinical-Professional on this Twenty-second day of August in the year Two Thousand and Seventeen.

# DEVELOPING SCHOLAR AWARD

## Eric C. Bartee, Ph.D.

Viruses can afflict all life forms, large and small. In looking for ways to treat multiple myeloma, Eric B. Bartee, Ph.D., thought small, and in so doing, is making progress against this form of cancer. Multiple myeloma is a cancer of plasma B cells, the second most common form of blood cancer, and is difficult to treat. Even with the introduction of various chemotherapy regimens, most patients still succumb to disease relapse either from reinfusion of cancerous cells during stem cell transplant or expansion of drug-resistant disease after chemotherapy. For the past several years, Bartee, an Assistant Professor of Microbiology and Immunology, has been using the myxoma (MYXV) virus to treat multiple myeloma, and in the early stages, the results are promising. Myxoma exclusively infects rabbits, and is harmless to humans. Working with colleagues at the Medical University of South Carolina and the University of Oslo, Dr. Bartee is targeting multiple myeloma cells and destroying them. “What I thought was really interesting here was that we could actually get rid of disease and it didn’t appear to ever come back,” Dr. Bartee said in a recent interview.

Coming up with novel approaches to difficult issues is nothing new to Dr. Bartee. Researchers under whom he has studied are unanimous in predicting a bright future for him, and, indirectly, a bright future for all who may benefit from his studies in the future. “As Eric’s Ph.D. mentor, I have watched his scientific development, first in my laboratory, then in Grant McFadden’s lab (at the University of Florida) where he completed his post-doctoral training and, more recently at MUSC as independent faculty,” says Klaus Früh, Ph.D., Professor at Oregon Health and Science University. “In short, Eric was the best graduate student I have had the pleasure to train during my tenure at OHSU. He is a naturally born scientist with a quick mind and a unique talent for designing and interpreting experiments.” During his graduate training at OHSU he was awarded both a Tartar Research Fellowship and a Ruth L Kirschstein National Research Service Award.

“It is easy to see how Eric was able to obtain these honors, as even the most cursory examination shows that his research productivity during graduate school was nothing short of amazing,” says Zihai Li, M.D., Ph.D., Chairman of the Department of Microbiology and Immunology, and holder of the Sally Abney Rose Endowed Chair in Stem Cell Biology & Therapy at the Hollings Cancer Center. “His work resulted in eight peer-reviewed manuscripts including four first-author publications. Perhaps even more impressive, one of Eric’s publications was selected as the OHSU School of Medicine Outstanding Journal Article of the Year in 2007 while another was identified as a No. 1 hidden gem by the Faculty of 1000. Combined, his graduate works have been cited more than 400 times which is remarkable for an established faculty member, let alone a graduate student. Eric’s research career began on a strong note.”

It was in the laboratory of Dr. McFadden, Ph.D., currently Director of the Biodesign Center for Immunotherapy, Vaccines, and Virotherapy at Arizona State University, where Dr. Bartee first began working with MYXV. “The safety of MYXV for normal human stem cells is due to the fact that Eric has shown that tagged MYXV will neither bind nor infect normal human CD34+ hematopoietic stem cells,” Dr. McFadden says. “Eric is exceptionally smart, self-motivating and he is a very clear thinker, so I have no doubts that his choices for the projects he wants to pursue next will be sound ones.”

While Dr. Bartee’s preclinical work suggests that MYXV has the potential to cure some patients of multiple myeloma, there are many hurdles that need to be overcome before this option is available in the clinic. The potential for a positive outcome,

however, is strong. “I think what our findings ... really highlight is that some of these non-traditional therapies can really offer the benefit of complete disease eradication,” Dr. Bartee said in his interview. “You’re not just moving the curve to the right a little bit; you’re bending the survival curve up. And you’re really fundamentally changing how you can look at cancer treatment.”

“Changing What’s Possible” is the concept that drives the tripartite mission of this institution every day. Eric C. Bartee, Ph.D., through his novel approaches in the laboratory, is the embodiment of this concept. Therefore, the Medical University of South Carolina Foundation is pleased to present him this award as a Developing Scholar on this Twenty-second day of August in the year Two Thousand and Seventeen.

# DEVELOPING SCHOLAR AWARD

James J. Prisciandaro, Ph.D.

The population of the United States is nearing 327 million, and, according to the National Institute of Mental Health, 2.6 percent of the adult population, or approximately 8.5 million people, suffer from bipolar disorder. Approximately 27 percent of those who suffer from this condition, also called manic-depressive disorder, often turn to alcohol as a form of self-medication. Unfortunately, alcohol can worsen the condition, and an alarming number of bipolar sufferers become addicted to it.

James J. Prisciandaro, Ph.D., a highly accomplished tenure-track Assistant Professor in the Department of Psychiatry and Behavioral Sciences, is spearheading a research project in the neurobiology of bipolar disorder and alcoholism. Most impressive in his investigation is the use of magnetic resonance spectroscopy to study the activity of glutamate and gamma-aminobutyric acid, or GABA, in the human brain. His work has resulted in grants from the National Institutes of Health in numerous departments and colleges on campus – colleges of Medicine and Health Professions along with Psychiatry, Radiology and Neuroscience – which utilize magnetic resonance spectroscopy. He was appointed as Core faculty in the Center for Biomedical imaging in 2012.

Colleague Colleen Hanson, Ph.D., Associate Professor, says Dr. Prisciandaro's mentored research efforts on MR spectroscopy "have launched MUSC into the national conversation" on neuroimaging. "Our university is now one of the few sites in the United States to be able to robustly dissociate two of the most abundant neurotransmitters in the brain (GABA and glutamate) from one another," she says. "This accelerating trajectory over the past five years is not limited to grant funding – he is also widely recognized on campus as an engaging, productive collaborator. I first worked directly with Jim in 2012, through a collaborative real-time neurofeedback project (led by Dr. Mark George and Dr. Kathleen Brady). At the time he was highly valued by the team in the Department of Psychiatry for his quantitative skills and his neuroimaging knowledge. By 2013, Jim was working very closely with faculty in the Department of Radiology as well as pioneers at multiple universities including Dr. Perry Renshaw (University of Utah) and Dr. Graham Mason (Yale University). Through these collaborations he was able to substantially improve our capabilities in magnetic resonance spectroscopy at MUSC."

Dr. Renshaw, Ph.D., Professor of Psychiatry and Director of Magnetic Resonance Imaging at The Brain Institute at the University of Utah School of Medicine, also praises Dr. Prisciandaro in his development as a rising star in this field. "He has willingly and enthusiastically dug into the methodological aspects of MRS that most applied/clinical researchers do not attempt to appreciate or study," Dr. Renshaw says. "As one example, he recently evaluated the relative measurement properties of GABA MRS acquisition techniques as part of a 19-site international consortium. Not many biomedical research centers nationally or internationally have the expertise to conduct MRS research, which provides applied researchers with in vivo measurements of concentrations of various brain metabolites, including glutamate and GABA. Jim has been instrumental in bringing that expertise to MUSC, as evidenced by his growing list of collaborations; without him, it is clear that these projects would not have been able to incorporate MRS measurements into their research studies. He is an invaluable asset to MUSC, and a perfect example of a developing scholar with great promise."

Widely published and successful in securing extramural funding, James J. Prisciandaro, Ph.D., is showing tremendous potential as an authority in neuroimaging, specifically as it relates to bipolar disorder and substance abuse, and is helping MUSC to elevate its stature in this area on a national scale. Due to his record of achievement and his tremendous potential, the Medical University of South Carolina Foundation is pleased to present him this award as a Developing Scholar on this Twenty-second day of August in the year Two Thousand and Seventeen.

# PEGGY SCHACHTE RESEARCH MENTOR AWARD

Teresa J. Kelechi Ph.D., R.N., F.A.A.N.

Since her early years in clinical practice, Teresa J. Kelechi, Ph.D., has paved the way for those who come after her. Currently holding the David and Margaret Clare Endowed Chair in the College of Nursing, Dr. Kelechi is considered a leading authority in the fields of wound and symptom science with an impressive record of external funding numerous peer-reviewed publications. She earned her master's degree in gerontological nursing in 1984 from Case Western Reserve University and her doctorate from the Medical University of South Carolina in 2001. She came to Charleston in 1986 as a gerontological clinical nurse specialist at the Ralph H. Johnson Veterans Administration Medical Center and joined the MUSC staff in 1987. In 2001 she joined the College of Nursing faculty. She also has a faculty appointment in the College of Graduate Studies.

In compiling a successful career, both clinically and academically, Dr. Kelechi has always reached out to help both junior and experienced faculty members achieve their goals. "During the course of her amazing tenure at the College of Nursing, Dr. Kelechi has risen as a star in research and then has spread her 'star power' and light on collaborators and junior faculty throughout MUSC," says College of Nursing Dean Gail Stuart, Ph.D. "She is an exemplary mentor to others as she reaches out with open arms and open computer...she freely offers her help to those who are too reticent to ask but who could clearly benefit from her expertise."

Dr. Kelechi's mentorship can shape career paths as well. Leslie Parker, Ph.D., an Associate Professor at the University of Florida's College of Nursing, explains how Dr. Kelechi affected her career decision. "Prior to my relationship with Dr. Kelechi, I was unsure whether I wanted to pursue a career in research. However, seeing her excitement and dedication to research sparked within me a passion to become a successful nurse scientist. I am now enthralled with the research process and couldn't imagine a career not devoted to research," she says. "Following my graduation, Dr. Kelechi and I continued our mentor-mentee relationship. Although I lived in Florida, she continued to be actively involved in the development of my research career. Together, we published three papers based on the work I completed at MUSC. In addition, Dr. Kelechi was the chair of my dissertation committee and the work completed for my dissertation proved invaluable to my future research success."

Her influence does not stop with her individual mentees. It has spread throughout the College of Nursing and MUSC. During her tenure as Department Chair in the College of Nursing from 2010 to 2014, she expanded on the mentoring efforts by leading the development and implementation of the first departmental mentoring plan in the College. "I was involved in the development and implementation of departmental mentoring plans in the College of Medicine, and worked with Dr. Kelechi as she meticulously constructed a similar plan in the CON," says Marc Chimowitz, MBChB, Associate Dean of Faculty Development and Professor of Neurology in the College of Medicine. "In the CON, senior research faculty were paired with junior research faculty and a process was developed for the mentor and mentee to document individual development plans and progress related to the career development of the mentees. She spent countless hours refining the department mentoring plan, which continues to serve as the primary mentorship model at the CON."

In fact, Dr. Kelechi has played an integral role in the College's increase in rankings by the National Institutes of Health from 30th place to 17th in terms of NIH research funding.

Together, these successes, and from the early career faculty emerging from Dr. Kelechi's mentoring pipeline, the college saw an increase in NIH research funding of greater than 20%, and advanced in NIH rankings from 30th to 17th.

It has been said that the impact of a mentor can influence countless generations of researchers, as well as the beneficiaries of their research. The impact that Teresa J. Kelechi, Ph.D., will have on biomedical knowledge is immeasurable, and has enhanced not only the College of Nursing, but the entire MUSC enterprise as a result. Therefore, the Medical University of South Carolina Foundation is proud to present her this award as a Peggy Schachte Research Mentor on this Twenty-second day of August in the year Two Thousand and Seventeen.

# PEGGY SCHACHTE RESEARCH MENTOR AWARD

## Lawrence Judson Chandler, Ph.D.

Despite an increasingly competitive environment for extramural research funding, the Medical University of South Carolina continues to maintain its status as one of the nation's leading academic health sciences centers. MUSC's commitment to advancing knowledge and scientific discovery is a primary goal of its strategic plan, and world-class researchers are making strides every day. But what about tomorrow? Lawrence J. Chandler, Ph.D., is preparing the next generation of researchers to ensure the institution's continued success.

Dr. Chandler, with a primary appointment in the Department of Neurosciences, and a secondary appointment in the Department of Psychiatry and Behavioral Sciences, is a highly successful investigator who has a very productive research career with a history of successful NIH grant funding and with published research in high-quality journals. As outstanding as his own research achievements are, he is equally successful in preparing postdoctoral students and younger colleagues to compete for grants. "He is an absolutely superb mentor as I, one of his mentees, can personally attest and he has been instrumental in the success of his mentees in receiving NIH grant awards and in the successful accomplishment of the grant protocols once the awards have been received," says Justin Gass, Ph.D., Assistant Professor in the Department of Psychiatry and Behavioral Sciences. "Dr. Chandler understands that the majority of students, both pre-docs and post-docs, are gravely unprepared for the grant writing process. Nearly all first-year predoctoral students have little or no experience in writing grant applications. Additionally, most post-doctoral trainees receive only limited instruction during their earlier years. Dr. Chandler recognizes that pre- and post-doctoral trainees require different methods of instruction in grant writing and he has a remarkable ability to determine the unique instructional design that is most beneficial to each individual student/trainee."

Dr. Chandler earned his doctorate in pharmacology from the University of Texas at Austin and joined the MUSC faculty in 1999.

Another mentee, Patrick Mulholland, Ph.D., Associate Professor, needed additional training in order to advance his research. Dr. Chandler provided the guidance he needed. "My doctoral work focused on the role that stress hormones contribute to degeneration of the hippocampus. While this work was of interest, it was largely descriptive," Dr. Mulholland says. "I sought more molecular training that would allow me to identify mechanisms associated with the neuronal plasticity that underlies homeostatic plasticity and hyperexcitability. Judson provided me with the training opportunities to learn molecular and mechanistic approaches."

Heather Trantham-Davidson, Ph.D., can also attest to Dr. Chandler's sincere interest in the success of his younger colleagues. "Initially, I chose to work with Dr. Chandler because of our shared interest in the development of the prefrontal cortex during adolescence," says Dr. Trantham-Davidson, an Assistant Professor. "I soon recognized that in addition to being a good scientist, Judson was also very skilled at and interested in helping junior investigators develop into established scientists. My work with Judson directly led to the development of my NIAAA-K01 application titled 'Effects of adolescent alcohol exposure on decision making in adult rats' on which Judson is the primary mentor. This grant was funded and I am currently making excellent progress with publications in Neuropsychopharmacology and Journal of Neuroscience. It is rare to find a researcher with this kind of a history of mentorship and is evidence of his dedication to this part of his job."

Lawrence J. Chandler, Ph.D., a prolific researcher himself, has played an integral role in MUSC's growing reputation as one of the nation's top biomedical research institutions. Perhaps more importantly, however, he has helped to ensure the university's future success through his work with his younger colleagues and postdoctoral students. In recognition for his untiring efforts in this endeavor, the Medical University of South Carolina Foundation is pleased to present him this award as a Peggy Schachte Research Mentor on this Twenty-second day of August in the year Two Thousand and Seventeen.

# OUTSTANDING CLINICIAN AWARD

## Katherine A. Morgan, M.D.

When Katherine A. Morgan, M.D., came to the Medical University of South Carolina, she was not the primary subject of Department of Surgery Chairman Fred Crawford's recruiting efforts – her husband was. But Dr. Crawford, now Chairman Emeritus of the department and Distinguished University Professor, soon discovered that Dr. Morgan was a clinical force in her own right. "We needed additional help in general and GI surgery, and I more or less gave her a position so that she could be active during her husband's residency," Dr. Crawford says. "Within a very few months it was very clear to me that she was a potential superstar."

Dr. Crawford is not one to toss around such superlatives lightly, but she certainly achieved the stature that he predicted. From Assistant Professor of Surgery in 2003 to Professor in 2015, Dr. Morgan has established an international reputation as one of the best pancreato-biliary and laparoscopic surgeons in the nation, if not the world.

MUSC's Department of Surgery "has had a long-standing interest in pancreatic surgery dating back to the time when Marion Anderson was Chairman of the Department," Dr. Crawford says. "David Adams subsequently inherited this program, and Katy has partnered with him in its further development. She has a huge surgical practice and is an incredibly talented technical surgeon. She is responsible for a number of innovative techniques in minimally invasive surgery. Many minimally invasive procedures were first performed here by Dr. Morgan. I have personally referred many patients to her, including close friends and family."

Family is an integral part of Dr. Morgan's life. She carries her professional load while maintaining an active family life as a wife and mother of three children. Colleague Dr. Adams marvels at how she balances her professional and personal obligations. "The rules of a surgical residency are three: Eat when you can, sleep when you can, and don't operate on the pancreas," he says. "Dr. Morgan daily violates these rules, eating nabs between cases in the physician's lounge, writing papers at home a 4 a.m. in the morning, and operating all the time on the pancreas. (And also driving carpool for her kids.) Dr. Morgan has shattered the glass ceiling that still exists for women in academic surgery. She is a technically gifted surgeon, a kind and compassionate physician, and mother of three wonderful children. I think there must be two of her to do all that she does."

Dr. Crawford also takes notice of her status as a role model. "I am sure that she is responsible in a major way for the fact that 50 percent or more of our current surgical residents are women," he says.

A graduate of the University of Virginia, she received her doctorate from Emory University and remained there for her internship and residency before coming to MUSC in 2003. Her accumulation of administrative obligations began shortly after her arrival: 2004, Associate Program Director of Surgical Residency Program; 2008, Director, Surgical Simulation; 2009, Associate Director of the MUSC Health Simulation Center and Medical Director of the Islet Auto-transplantation program; and 2014, Division Chief of Gastrointestinal and Laparoscopic Surgery. She remains in each of those positions today.

"MUSC has been a national leader in the surgical management of chronic pancreatitis, and Dr. Morgan has led our program in the treatment of chronic pancreatitis with total pancreatectomy and islet cell transplantation," Dr. Adams says. "MUSC is the second most active program in the country in this novel treatment, and there is probably no other surgeon in the U.S.

who is more active in performing this procedure than Dr. Morgan. Dr. Morgan's clinical expertise attracts many challenging patients who have failed traditional medical and surgical treatment, and it is impressive and inspiring how her calm and caring kindness are ever present on the wards and in her always overflowing clinic."

The examples set by Katherine A. Morgan, M.D., in terms of balancing administrative duties, patient care and family life are truly awe-inspiring. This award for Outstanding Clinician not only represents what she has done to date, but signifies the vast potential she possesses, and is presented by the Medical University of South Carolina Foundation on this Twenty-second day of August in the year Two Thousand and Seventeen.

# OUTSTANDING CLINICIAN AWARD

Theresa Jacqueline Sullivan Gonzales, D.M.D.

*Pain is inevitable. Suffering is optional.* – Buddhist proverb

Theresa Jacqueline Sullivan Gonzales, D.M.D., has the administrative position of Associate Dean of Curriculum and Strategic Communication in the James B. Edwards College of Medicine. It is her clinical practice, however, where patients will wait as long as four months to see her and be glad when they do. She is Director of Orofacial Pain Management, a pain management specialist, one of the very few in the nation, and the only chronic orofacial pain manager at the Medical University of South Carolina. Her practice takes in approximately one thousand patients from across the Southeast whose wait may surpass an entire season of the year. Even with the extending waiting time, Dr. Gonzales enjoys a 97 percent satisfaction rate, with 92 percent willing to refer her to others. And interestingly enough, despite her background in dental medicine, only twenty percent of her patients are referred from dental professionals. An astounding eighty percent come from other disciplines, such as primary care medicine, neurology and oncology.

As is the nature of her profession, Dr. Gonzales deals primarily with orofacial pain, but such pain can manifest itself in several forms: myofascial pain, tension and mixed headaches, facial migraine and neuralgias, neuropathic pain, toothaches of non-dental origin, temporomandibular joint disorders and arthritis, bite disturbance problems, and headache. As can be the case, however, these conditions often are accompanied by other ailments, including sleep disorders, gastroesophageal reflux disease, irritable bowel syndrome, depression, anxiety and other problems. Dr. Gonzales addresses these conditions as well.

Tariq Javed, D.M.D., Professor and Vice Dean of the College, recalls one patient who not only suffered multiple issues, but consumed multiple medications, to no avail. Then she went to Dr. Gonzales. “Not only did the patient have neuromuscular-related symptoms, she was also suffering from multiple drug interactions and certain serious side effects of the prescription drugs she was taking,” Dr. Javed says. “I am happy to report the eventual successful management of this patient by her, and the patient is now spending her life normally and in a productive manner. Dr. Gonzales manages many of these patients in an ongoing manner, and displays utmost professionalism and ethical demeanor in patient care at all times.”

Arguably the litmus test would be whether a colleague would allow Dr. Gonzales to treat him or her, or a family member. Charles Ferguson D.M.D. Director of the Division of Oral Medicine, has a ready answer: “If you were to ask me or any of my dental colleagues the following questions: Would you hire her ... would you want her to treat you ... would you select her to treat your spouse or children -- I would expect to hear a resounding YES to each of these questions, from each of the respondents.”

Dr. Gonzales joined the MUSC faculty in 2013, but she is no stranger to the institution. A South Carolina native, she received her doctorate from MUSC in 1984. Following a distinguished thirty-one- year career in the U.S. Armed Forces, she retired with the rank of Colonel from the Office of the Surgeon General of the U.S. Army and returned to Charleston as Professor of Oral Pathology.

Her standing within the MUSC community is stellar, a reflection of the high esteem she enjoys on national and international levels. Indeed, this institution is fortunate that Theresa Jacqueline Sullivan Gonzales, D.M.D., chose to return to her alma mater to continue her service, helping thousands of patients and their family members ease their suffering and find normalcy in their lives. It is with great pride that the Medical University of South Carolina Foundation presents her this award for Outstanding Clinician on this Twenty-second day of August in the year Two Thousand and Seventeen.

# OUTSTANDING CLINICIAN AWARD

## Kelly S. Barth, D.O.

Six out of 10 deaths caused by drug overdoses in the United States involve opioids, according to the Centers for Disease Control and Prevention (CDC). From 2000 to 2015 more than half a million people died from drug overdoses. Every day, some 91 Americans die from an opioid overdose.

For generations, South Carolinians have looked to the Medical University of South Carolina for answers to some of our most vexing health issues. With regard to the opioid epidemic, a promising solution may be in the offing. Associate Professor Kelly S. Barth, D.O., a member of the MUSC faculty since 2008, has become a leading authority in pain management, the leading cause of opioid use. After earning her doctorate at the University of Medicine and Dentistry of New Jersey, Dr. Barth did her training at MUSC and earned a fellowship at the University of Pennsylvania in addiction psychiatry. She returned to Charleston as an Assistant Professor, eventually becoming program director of the Combined Internal Medicine & Psychiatry Residency and medical director of the Division of Bio-Behavioral Medicine in the Department of Psychiatry.

When Dr. Barth arrived to MUSC in 2008, she quickly became recognized as an outstanding and well-respected physician by her peers, patients, and her colleagues. “Some of our referrers will only allow their patients to be seen by Dr. Barth, and we frequently get calls from around the region and state asking specifically for appointments with Dr. Barth,” says Thomas Uhde, M.D., Professor and Chairman of the Department of Psychiatry and Behavioral Sciences. “The Behavioral Medicine Clinic is a frequent winner of Patient Satisfaction Awards, and Dr. Barth is an integral part of the success of this clinic. She was personally named as an Outpatient Satisfaction Survey Honoree in 2008 and 2009.”

In the midst of the current opioid overdose epidemic in the United States, Dr. Barth has emerged as an outstanding clinical leader and is forging innovative and life-saving treatment options for patients on chronic opioids for pain. To address the great need for safe and effective pain management in the midst of the growing opioid epidemic, Dr. Barth utilized her unique training to develop a highly successful clinical pilot program, the Comprehensive Pain Management Program (CPMP), in collaboration with the Department of GI Surgery. In this program, Dr. Barth and her colleagues took over the management of 60 high risk chronic opioid patients and worked as an interprofessional team to improve pain and quality of life in these patients - while decreasing the average morphine equivalent dose of patients in the clinic and decreasing health care costs. Overall, these patients had a poor quality of life, high risk for overdose death, and very high health care utilization costs. Dr. Barth and team, consisting of pharmacists, psychologists, nurses and interdisciplinary physicians, worked closely with the patients and GI surgery team to reduce opioid risk while effectively and safely managing chronic pain. Over the course of just three months, the CPMP team was able to reduce the average morphine equivalent dose in the clinic by 26 percent (from 253 to 188mg daily morphine dose) without an increase in average pain scores. In fact, over that same three months, the CPMP patients reported an 8 percent decrease in their average daily pain scores, a 16 percent increase in their enjoyment of life scores and a 15 percent increase in their physical activity scores, a remarkable achievement.

There are few clinicians at MUSC who volunteer to treat patients with chronic pain - a condition that is very complex and poorly understood. Dr. Barth, with her unique training in Internal Medicine, Psychiatry, Addiction, and Pain, has dedicated her career to working with this underserved and at-risk population with the goal of improving the management and quality of life for patients who suffer with chronic pain. Her contributions to this evolving crisis are immeasurable, and help to place MUSC at the cutting edge of resolving this issue and, in the process, restore countless sufferers to a life devoid of needless suffering. Therefore, in recognition of her service, the Medical University of South Carolina Foundation presents Kelly S. Barth, D.O., with this award for Outstanding Clinician on this Twenty-second day of August in the year Two Thousand and Seventeen.

# POPULATION HEALTH AWARD

Kenneth J. Ruggiero, Ph.D.

Everyone in the Lowcountry who went through Hurricane Hugo nearly 28 years ago has a story to tell. More than 50,000 people were left homeless in the wake of the Category 4 storm. It took weeks before all utilities were restored and years before the rebuilding process was done. The material costs were estimated at more than \$4 billion. But what about the psychological costs?

Disaster assistance for storms like Hugo and other traumatic occurrences – man-made and natural – has improved over the years, but Kenneth J. Ruggiero, Ph.D., is working to minimize the mental stress along with the physical needs. Ruggiero, Professor of Nursing and Psychiatry, is Co-Director of the Technology Applications Center for Healthful Lifestyles, and Director of the Telehealth Resilience and Recovery Program. The Telehealth Resilience and Recovery Program, which began in 2015, is designed to catch trauma patients early and screen them for post-traumatic stress disorder and depression (PTSD). His research is not limited to those involved in major disasters, but any individual suffering from PTSD or related health issues, with a special focus on children.

“If you look at trauma centers across the nation, only 7 percent do any screening related to PTSD and only a quarter screen for depression,” Ruggiero says. “We focus on patients who experience traumatic injury. In emergency departments across the county, there are 40 million people a year who come in with injuries. We’re talking about the 2.5 million - 6 percent of the 40 million – who have to be hospitalized after a very serious injury.” That includes people hurt in car crashes, motorcycle accidents and pedestrian incidents, along with people who have been shot or stabbed. Twenty to 40 percent of that population goes on to develop significant symptoms of PTSD and depression, according to Dr. Ruggiero.

He received his undergraduate degree from the State University of New York, Buffalo and his master’s and doctorate degrees from West Virginia University. Following an internship and fellowship at the Medical University of South Carolina, he joined the faculty in 2003.

Ron Acierno, Ph.D., Professor and Associate Dean for Research for the College of Nursing, recalls asking Dr. Ruggiero if he was interested in a project during his internship to utilize the World Wide Web, as it was then called, and reach out to those affected by the 9/11 terrorist attacks in an attempt to diagnose and offer treatment. “Ken’s subsequent work in this area is reflective of his answer: Yes, he was interested,” Dr. Acierno says. “As well as motivated, competent, and brilliant in his vision regarding how technology could be leveraged to improve the mental health of entire communities, with minimal cost, stigma, and logistical problems, while maximizing impact, safety, and usability. In other words, from his first days at this Medical University, Ken has been pushing the limits of improving the health of our public.”

From that long-ago invitation, Dr. Ruggiero has established a comprehensive treatment regimen bolstered by research grants from a variety of sources: including the Department of Defense, National Institutes of Health, Department of Homeland Security and the Department of Veterans Affairs. The Technology Applications Center for Healthy Lifestyles, for example, is committed to developing patient-friendly mobile health technology that seamlessly connects patients and health

care providers using apps, body sensors, remote monitoring devices, and the electronic health record. It is collaborating on more than 30 funded projects addressing the prevention and management of the leading chronic diseases in South Carolina.

Technology and health care have been intertwined since the dawn of history, when the first crude instruments were crafted to treat ailments. Kenneth J. Ruggiero, Ph.D., has taken the latest technology in an effort to help the greatest number of people, and is considered a leading authority in this field. His vision, commitment and compassion for others embody the core values of this institution. Therefore, the Medical University of South Carolina Foundation is proud to present him this award for Population Health on this Twenty-second day of August in the Year Two Thousand and Seventeen.

# POPULATION HEALTH AWARD

## Anbesaw W. Selassie, Dr.P.H.

The 100 billion or so nerve cells that comprise the human brain are a miraculous wonder when they function in harmony, but can produce indescribable agony when they don't. Epilepsy, unprovoked, recurring seizures, can be the result of the latter category. Whatever its cause, either through genetics or trauma or infection affecting the brain, some 1,200 South Carolinians develop epilepsy each year.

South Carolina, and specifically the Medical University of South Carolina, is fortunate to have a clinician-researcher the caliber of Anbesaw W. Selassie, Dr.P.H., investigating the underlying causes of epilepsy, as he is considered one of the nation's leading authorities on the disease. He has earned high praise from his peers, and even the Centers for Disease Control and Prevention, for his contributions in this area.

"Dr. Selassie is one of only a handful of prominent and prolific scholars recognized internationally for his expertise and contributions in neuroepidemiology -- notably around describing the population burden of traumatic brain injury and epilepsy," says Rosemarie Kobau, MPH, Team Lead for the Epilepsy Program with the U.S. Department of Health and Human Services. "For about two decades while working with the CDC Epilepsy Program, Dr. Selassie has been steadfast in his commitment to close crucial surveillance, research, and policy gaps related to epilepsy burden and care in South Carolina in particular, and in the U.S., in general."

Because the causes of epilepsy are so numerous, so are the facets of Dr. Selassie's research, which runs from genetic and environmental factors to traumatic brain and spinal cord injuries. With support from the Centers for Disease Control and Prevention, Dr. Selassie assembled a team to implement the South Carolina Epilepsy Surveillance System (SCESS) with the goal of improving the understanding and awareness of epilepsy's burden in South Carolina, and to guide statewide programs and services for patients.

What Dr. Selassie and his team have found has been eye-opening. They have discovered significant associations between epilepsy and race/ethnicity, household income levels, and geographical locations. This has led them to identify high-priority subgroups: non-Hispanic blacks, Hispanics, those at lowest household income levels, and rural-dwelling adults with epilepsy. Notably, he has found significant increased risk of premature mortality among both adults and children with epilepsy. "To our knowledge, his study published in the CDC Morbidity and Mortality Weekly report was the first U.S. study documenting increased premature mortality risk among children with epilepsy," Ms. Kobau says.

Dr. Selassie, however, steps out of his clinician-researcher role to advocate on behalf of his patients. "I would like to emphasize that he has a passion for his work and all his work includes his compassion for the populations which he studies," says Braxton Wannamaker, M.D., Professor of Neurology. "The initiation of his epidemiological work is always paralleled by his concern for disadvantaged people."

South Carolina now has a legislated Division of Head and Spinal Cord Injury as part of The South Carolina Department of Disabilities and Special Needs. That division is devoted to the care and support of individuals with traumatic brain and spinal cord injury, according to Dr. Wannamaker. "I see him as a humanitarian."

Anbesaw W. Selassie, Dr.P.H., has made the state a national leader in public health surveillance of epilepsy, and has been honored for his contributions by the South Carolina Department of Health and Environmental Control, the American Epilepsy Society, the CDC and National Academy of Science, among others. The Medical University of South Carolina Foundation is proud to add to that impressive list by presenting him the Population Health Award on this Twenty-second day of August in the year Two Thousand and Seventeen.

# DISTINGUISHED FACULTY SERVICE AWARD

## Jean M. Nappi, Pharm.D.

She had distinguished academic stays at the University of Houston and the University of Utah, but it was at the Medical University of South Carolina where Jean M. Nappi, Pharm.D., fully established herself as an internationally known authority on cardiology pharmacotherapy. She joined MUSC's College of Pharmacy in 1992 and began to establish herself as an academician, with significant achievements in teaching, research and clinical care.

"Dr. Nappi's contributions to MUSC, the College of Pharmacy, and the profession have been outstanding," states College of Pharmacy Dean Philip Hall, Pharm.D. Those contributions have been many and varied. She served for many years as the program director for pharmacotherapy residents and currently serves as the faculty liaison for the entire pharmacy residency program. "This position has required many hours of effort in support of residents," states Kelly Ragucci, Pharm.D., Professor and Chair of Clinical Pharmacy and Outcomes Sciences, "time that might have been spent in promoting her career or working on other projects of interest." Indeed, when it comes to residents, Dr. Hall believes her most significant accomplishment was the development of the Academic Preparation Program 10 years ago. The APP prepares pharmacy residents to work as educators, either in full-time or adjunct faculty positions. Under Dr. Nappi's leadership, the program has expanded to all residency programs through South Carolina, including the Greenville Health System, McLeod Health System, Palmetto Richland, and Spartanburg Regional.

Her administrative involvement, however, covers the university spectrum: Faculty Senate, Institutional Review Board, MUSC Distinguished Faculty Service Award Committee, MUSC Women Scholars Initiative Planning Committee, APT Committee, Curriculum Committee, Faculty Governance, and Assessment Committee, among others. "She is dedicated to this institution and proves this time and time again by being one of the first to volunteer for service obligations," Dr. Ragucci says.

Her service contributions, of course, are in addition to her vibrant clinical practice and extensive teaching obligations. With regard to her clinical service, Dr. Nappi has contributed greatly patient care through her involvement on the cardiology inpatient service as well as the Congestive Heart Failure clinic. In fact, she is known nationally and internationally for her expertise in cardiology pharmacotherapy, according to Dr. Ragucci. Her clinical duties and her involvement in many national organizations have resulted in widespread recognition, including receipt of the Clinical Practice Award and the President's Award, both from the American College of Clinical Pharmacy, and the MUSC Clinical Services Recognition Award multiple times.

Her academic responsibilities include classroom instruction (primarily cardiac-related pharmacotherapy and outcomes), facilitating in clinical laboratories and small group recitations, experiential education for students and residents, and training for practitioners. Dr. Nappi's academic efforts have resulted in her being named Professor of the Year and Preceptor of the Year at MUSC and receiving the Education Award from the American College of Clinical Pharmacy in 2006. She also received the Robert K. Chalmers Distinguished Pharmacy Educator Award from the American Association of Colleges of Pharmacy in 2012. This is the highest honor for an educator in her field.

“Her wise advice and guidance have made the MUSC Health Pharmacy Residency Program one of the largest and well-known programs in the country,” says Heather Eastering, Pharm.D., M.B.A., Administrator of MUSC Health Pharmacy Services. “Some of the hallmarks of a successful faculty leader include a willingness to strive for best practice, an ability to impart knowledge and skills to others and the enthusiasm to share that knowledge and skills through professional involvement and scholarly activity. During the years I have worked with Dr. Nappi, she has shown me that she has these characteristics.”

Contributions from across the MUSC Enterprise have given this institution the world-class status that it enjoys today. Jean M. Nappi, B.S., Pharm.D., is among an elite group of individuals who have been with MUSC over the years and has earned the respect and admiration not only of her students and colleagues, but the entire pharmacy profession. Therefore, the Medical University of South Carolina Foundation is proud to present her with this award for Distinguished Faculty Service on this Twenty-second day of August in the year Two Thousand and Seventeen.

# DISTINGUISHED FACULTY SERVICE AWARD

## Bradley W. Neville, D.D.S.

One could rightfully argue that Bradley W. Neville, D.D.S., wrote the book on oral and maxillofacial pathology. He is, in fact, the senior author for the textbook *Oral and Maxillofacial Pathology*, first published in 1995 and now in its fourth edition. Often referred to as “the Neville book,” it is used by 57 of the 66 American dental schools and has a strong presence internationally as well. “Its influence has been so strong that he has for some time been something of a ‘rock star,’ with health professionals and students lining up to get him to sign their copy of his book at national and international meetings,” says J.E. Bouquot, D.D.S., Adjunct Professor for the West Virginia School of Dentistry.

Dr. Neville received his doctorate from the West Virginia School of Dentistry and continued his training at Emory University’s School of Dentistry. He joined the Medical University of South Carolina faculty in 1980 as an Assistant Professor in the Department of Oral Pathology. In 2006, he was awarded the office of Distinguished University Professor.

“Dr. Brad Neville is an intellectual of the first order of magnitude and an award-winning educator,” states Patricia Blanton, D.D.S., Ph.D., Professor and Interim Dean of the James B. Edwards College of Dental Medicine. “As the James B. Edwards College of Dental Medicine’s only officially designated distinguished professor, Brad has few peers and he is regarded by most as an ‘educator’s educator.’ For 36 years, he has enjoyed a reputation as a gifted lecturer, a skilled clinician and preeminent oral and maxillofacial pathologist.”

His renown is such that he has presided over the most prestigious North American organizations of his profession: the American Academy of Oral and Maxillofacial Pathology and his specialty board, the American Board of Oral and Maxillofacial Pathology. He also served as President of the Eastern Society of Teachers of Oral Pathology, a unique organization focusing on helping oral pathologists better teach diagnostic skills to dental students, and a major part of this has been the free exchange of high-quality teaching material, of which he has provided some of the very best material for clinical diagnosis.

When Theresa Gonzales, D.M.D., was a student at MUSC in the early 1980s, she was so taken with Dr. Neville’s command of pathological knowledge that she changed her course of study to follow in his footsteps. Following a distinguished 31-year career in the military, she returned to MUSC only to find to her delight Dr. Neville still imparting knowledge to future professionals.

“We, as a university system and more specifically as a college are so incredibly fortunate to have acquired and sustained the enormous talent of Brad Neville into our ranks,” says Dr. Gonzales, Associate Dean of Strategic Communication and Curriculum. “The fact that he has remained here for 36 consecutive years and delivered on the promise of an education well done for the entirety of his tenure is just a luxury that few individuals in such high demand would accommodate. Dr. Neville is exceptional. He is a fierce loyalist, he is an educator, he is a colleague, he is a friend, and, above all, Brad Neville is a mentor to literally hundreds of his academic progeny.”

The assessments of his colleagues are borne out by the numerous teaching awards and related honors Dr. Neville has received, including induction into the Omicron Kappa Upsilon National Honorary Dental Society, Fellowship of the Pierre Fauchard Academy, Outstanding Alumnus Award from the West Virginia University School of Dentistry and this year the Distinguished Dental Alumnus Award from Emory University. His longtime friend, Dr. Bouquot, believes Dr. Neville is the best known oral and maxillofacial pathologist in the world. The fact that he chose MUSC to be the only institution at which he chose to practice, investigate and educate others is an honor. Therefore, in acknowledgement of his many contributions to the field, and for the worldwide recognition he has brought to this institution, the Medical University of South Carolina Foundation is proud to present to Bradley W. Neville, D.D.S., this award for Distinguished Faculty Service on this Twenty-second day of August in the year Two Thousand and Seventeen.

# DISTINGUISHED FACULTY SERVICE AWARD

## Frederick W. Tecklenburg, M.D.

The Medical University of South Carolina's Children's Hospital has constantly maintained a high national ranking year after year. But until the late 1980s, there was no such entity. Children needing urgent care were primarily treated in adult units. Frederick W. Tecklenburg, M.D., was an integral part of establishing a world-class pediatric intensive care unit when the Children's Hospital opened in 1987, and he has maintained a constant presence in it ever since.

A Charleston native, Dr. Tecklenburg earned his bachelor's degree from Georgetown University and his M.D. from MUSC. He performed his postdoctoral training at the Children's National Medical Center and the Children's Hospital of Philadelphia. Charles Darby, M.D., MUSC Professor Emeritus, recruited Dr. Tecklenburg back to Charleston in 1985 as Director of Critical Care when a true pediatric critical care unit did not exist, calling Dr. Tecklenburg's return "a leap of faith" on his part. Confronted with a formidable challenge, Dr. Tecklenburg began putting together an exceptional pediatric critical care team for the MUSC Children's Hospital, which opened in 1987. It was a slow and tedious process, however, and in the beginning Dr. Tecklenburg was the only physician on staff to care for children with emergency or critical care needs. "I can remember many occasions in which he would remain bedside for days – not leaving the hospital," Dr. Darby states in his letter of recommendation.

Two longtime colleagues in the Division of Pediatric Critical Care, Sally Webb, M.D., and Dave Habib, M.D., echoed Dr. Darby's description of the division's genesis and its lone practitioner.

"For two years, he ran the PICU by himself 24/7 with only occasional coverage by other faculty," they state in their letter supporting his nomination. During the following 12 years he recruited Drs. Webb and Habib and Joel Cochran, M.D., assembling a highly skilled and dedicated staff.

Dr. Tecklenburg also was a driving force behind the development of MUSC's emergency transport system, known as Meducare. He was Meducare's first Pediatric Medical Director, and, as he had with the pediatric critical care division, recruited expert nurses and respiratory therapists to transport children from across South Carolina. Another aspect of pediatric critical care – and a troubling one at that – is that of abused children, and here Dr. Tecklenburg has taken the lead as well, playing a vital role in establishing the Child Abuse Pediatric Division.

"Each hospital has faculty who are the 'souls' of the entity," says Andrew Atz, M.D., Professor and Chairman of Pediatrics. "Dr. Tecklenburg is such a person." In nominating Dr. Tecklenburg for this honor, Dr. Atz says, "For over 30 years when a child on one of the pediatric floors would become sicker and need pediatric critical care attention, Fred Tecklenburg would be the face that appeared." Dr. Atz, who joined MUSC in 1998, recalls their first meeting two years earlier as the chairman was being recruited to Charleston. "It is not hyperbole that Fred was a large contributing factor to my coming to MUSC," he says.

There are many common themes throughout the correspondence recommending Dr. Tecklenburg for this award: his skill, teaching ability, dedication, collegiality, humility, and his tireless efforts to educate physicians across the state on the latest life-saving techniques. Unfortunately, not every case involving a critically ill child has a good ending. It is in these heart-rending situations, according to colleague Michele Hudspeth, M.D., where Dr. Tecklenburg's ability to comfort the families

is unsurpassed. “One of the small things that helps give parents some measure of peace after their child dies, is being able to reflect and feel that their child received the best care possible,” says Dr. Hudspeth, Director of Pediatric Blood and Bone Marrow Transplantation and Division Chief of Pediatric Hematology-Oncology. “Families uniformly mention ‘Dr. T’ as a key member of their time in the PICU and remember him later with a smile.”

The Medical University of South Carolina is a place teeming with thousands of people working among tons of brick, steel and glass. If one could put a face on this institution, however, one could do no better than to choose Frederick W. Tecklenburg, M.D. The national reputation enjoyed by the Children’s Hospital was built on the efforts of many stellar individuals, but he is unsurpassed in his devotion to MUSC, especially children’s health care. On rare occasions, it is not the award that honors the recipient; it is the recipient honoring the award. This is one of those occasions. The Medical University of South Carolina Foundation, on behalf of a grateful institution, is proud to present this award for Distinguished Faculty Service to Frederick W. Tecklenburg, M.D. on this Twenty-second day of August in the year Two Thousand and Seventeen.

# MEDICAL UNIVERSITY OF SOUTH CAROLINA

## MOTTO

*Auget Largiendo*

Freely translated, the motto means “She (the college) enriches by giving generously.”

## SEAL



When the University adopted this design in the mid-1960s, it replaced the one that had been in use since 1832. The University seal bears the name of the Medical University of South Carolina in abbreviated Latin and the date of its opening in 1824. The seal pictures a kneeling figure who is kindling a torch from a flame on an altar, on which is inscribed Deo Salutaris, “to the health-bringing god.”

## IN MEMORIAM

At this convocation, we remember our departed friends and colleagues and their commitment to excellence.

We keep their legacy of teaching, research, and patient care in our hearts and minds.



Changing What's Possible