THE COLLEGE OF HEALTH PROFESSIONS


Celebrating the past. Changing the future.

MUSC COLLEGE OF HEALTH PROFESSIONS
Vision
To improve the health of populations by developing and inspiring health scientists and leaders.

Mission
As a College dedicated to educating a diverse range of health professionals, we benefit our students, the University, and community through our synergistic approach to creating new knowledge and expertise. Through interprofessional collaboration and innovation, we enrich the learning environment, increase our capacity to conduct research, and augment our ability to provide service. We are a dynamic and responsive College that generates solutions and contributes to the overall health and well-being of the citizens of our state and beyond.

Values
The faculty, staff and students in the College of Health Professions embrace and commit to the 5 core values that define what we believe in and who we are.

1. Collaboration
2. Creativity
3. Diversity
4. Excellence
5. Integrity
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The year 2016 marks the 50th anniversary of the College of Health Professions. It has truly been a year of celebrating the past and changing the future. Our Dean, Dr. Lisa Saladin, was appointed MUSC’s Interim Provost and Vice President for Academic Affairs effective June 1, 2016. After almost a decade of outstanding leadership and service to MUSC, Dr. Mark Sothmann stepped down as Provost. I am honored to serve as Interim Dean of the College and share highlights for this year’s Annual Report.

The College’s 50th anniversary provided us the opportunity to celebrate the past by reconnecting with friends and colleagues. We hosted a wonderful community gala as well as an alumni weekend that included continuing education programs, a family fun day, and an alumni gala at the SC Aquarium. Most of the events were sold out with enthusiastic attendance. This report features snapshots of the celebration events, especially highlighting alumni who returned “home” after many years. Anniversary events also included a faculty lecture series and an open house in the fall.

In addition, we also focused on changing the future. Our College’s vision is to improve the health of populations by developing and inspiring health scientists and leaders. To that end, we have developed a strategic plan that aligns closely with the University’s strategic plan and has seven critical elements: 1) leadership development; 2) integration of research, education and practice; 3) continuing education; 4) population health; 5) community engagement; 6) diversity and inclusion; and 7) innovation in education and research. In the coming year, we look forward to implementing the first phase of the plan, which includes hiring a diversity officer. This individual will have a pivotal leadership role in advancing our diversity and inclusion initiatives.

Education
We take great pride in the accomplishments of our students and continually strive to offer high quality educational programs. Of our graduating students, 95% indicated that they made the right choice in selecting MUSC for their studies. We remained the largest college on campus in terms of student enrollment with 782 students. According to recent updated rankings by U.S. News and World Report, the Occupational Therapy program ranked 17th (out of 164), the Physical Therapy program ranked 28th (up from 53rd and out of 233), and the Anesthesia for Nurses program ranked 29th (out of 115). Additionally, Drs. Craig Velozo, Nancy Carson, and Hazel Breland were recognized nationally and inducted into the American Occupational Therapy Association Roster of Fellows.

We expanded our academic program offerings to meet the needs of a growing and diverse health care workforce. Led by Dr. Brandi White, Division Director, we obtained approval from the state to offer a Bachelor of Science in Healthcare Studies. Our inaugural class will begin this fall. The program is designed for students who have completed associate degrees in science from community and technical colleges. In addition, the Council on Accreditation of Nurse Anesthesia approved our request to offer a Post-Baccalaureate Doctor in Nurse Anesthesia Practice Program. We will matriculate our first class into this program in the summer of 2017.

Research
Our research growth over the past five years has been extraordinary, with a growth rate of 171%! For FY 2016, total grants awarded equaled $10.3 million. Most notable is a new National Institutes of Health (NIH) P2C Award for over $5 million dollars to establish the National Center of Neuromodulation for Rehabilitation. This MUSC center is one of only six centers nationally in the NIH Medical Rehabilitation Research Infrastructure Network. The leaders for this Center are Dr. Steven Kautz, Program Director; Dr. Richard Segal, Education Director; and Dr. Mark George from the MUSC Department of Psychiatry, Scientific Director.

Service
Service is also an integral part of our mission, and I could not be more proud of the many ways our students, faculty, and staff gave back to serving the needs of others. This past year alone, students in our College devoted nearly 7,400 hours of community service to 25 different agencies. Examples include organizations dedicated to serve adults with developmental disabilities, children with disabilities, outreach programs for individuals with traumatic brain injury, and the CARES Medical and Therapy Clinics. Faculty, staff and students from several of our divisions served as hosts for the Wounded Warriors Amputee Softball Team (WWAST) in April 2016. The WWAST team is comprised of young, competitive, athletic veterans and active duty soldiers who have lost limbs post 9/11 while serving our country.

It truly is an exciting time to be a part of a growing College that aspires to change what’s possible through collaboration, dedication, commitment to excellence, and service to others.

James S Zoller, PhD
Interim Dean and Professor
College of Health Professions
2015 – 2016 COLLEGE OF HEALTH PROFESSIONS ORGANIZATIONAL CHART

Lisa K. Saladin, PT, PhD, FAPTA, FASAHP
Dean

Rick Segal, PT, PhD, FAPTA
Chair, Department of Health Professions

Steven Kautz, PhD
Chair, Department of Health Sciences & Research; Co-Director, Center for Rehabilitation Research in Neurological Conditions

James Zoller, PhD
Chair, Department of Healthcare Leadership & Management; Division Director, Doctor of Health Administration

James Krause, PhD
Associate Dean for Research; Director, Center for Rehabilitation Research in Neurological Conditions

David Morrisette, PhD
Division Director, Physical Therapy

Joseph Sistino, PhD
Division Director, Cardiovascular Perfusion

Bonnie Martin-Harris, PhD
Division Director, Doctor of Health & Rehabilitation Science

Jami DelliFraine, PhD
Division Director, Master in Health Administration

Robert Steele, PhD
Division Director, Health Informatics

Angela Mund, DNP
Division Director, Anesthesia for Nurses

Brandi White, PhD, MPH
Division Director, Bachelor of Science in Healthcare Studies

Gilbert Boissonneault, PhD
Division Director, Physician Assistant Studies

Craig Velozo, PhD, OTR/L, FAOTA
Division Director, Occupational Therapy

Chad Higgins, BA
Clinical Education Manager

Annual Report 2015 – 2016 | MUSC College of Health Professions
College Launches Newest Program – Bachelor of Science in Healthcare Studies

The College is excited to offer its newest academic program—a Bachelor of Science in Healthcare Studies with concentrations in pre-health professions and health promotion. Under the leadership of the division director, Dr. Brandi White, the program was designed in collaboration with the SC Technical College System (SCTCS) and will target students who attend one of these colleges. The inaugural class is expected to begin in the fall of 2016 with approximately 15 students. Additional information regarding this program may be found in the division section of this report.

Brandi White, PhD, MPH
Assistant Professor and Division Director, Division of Healthcare Studies
Incoming Students

MINORITY

12.7%

SELF-IDENTIFIED

8%

UNDECLARED

70% WOMEN

30% MEN

AVGAGE AGE

27 YEARS OLD RESIDENTIAL

41 YEARS OLD DISTANCE-BASED

1,849 APPLICANTS

347 NEW STUDENTS

12% INCREASE FROM 2014

3.4 GRADE POINT AVERAGE

DIVERSITY AND INCLUSION
IS A STRATEGIC PRIORITY FOR THE UNIVERSITY AND COLLEGE.

97.4%

OF CHP GRADUATING STUDENTS (UP FROM 93.4% LAST YEAR)
FOUND MUSC TO BE A WELCOMING ENVIRONMENT TO LEARN AND GROW.
The College of Health Professions remains the largest and most diverse college at MUSC with a total of 782 students in 11 academic programs.

Students continue to give back to the University, community, and profession through many hours of volunteer service. This year alone, students devoted nearly 7,400 hours of community service to 25 different community agencies. Service activities ranged from providing care to patients at the CARES Therapy student-run clinic, to fundraising for Special Olympics, to providing children living in undeveloped countries with basic health care services and treatment.

Students also served in student leadership roles within state and national professional associations, and were recognized for their excellence and dedication to their respective professions. Equally as impressive are the number of students who presented at state and national conferences and published papers in leading journals. Individual student accomplishments and recognitions may be found in the Student Achievement Highlights section of this report.
Graduating Students

There were 301 students who graduated from the College this year, 65 of whom were inducted into the Alpha Eta National Honor Society in recognition of their academic achievements. Job prospects remain strong across academic programs, with many students securing positions before graduation.

95% of CHP graduating students indicated that they made the right choice in selecting MUSC for their studies.

94% of CHP graduating students reported that they received a high quality education.
Interprofessional Practice and Education

Collaboration is one of the College’s core values. Health care today involves professionals working together in collaborative, interdependent care systems and in partnership with the patient, the family, and the community. CHP students and faculty continue to set the pace for leadership and innovation when it comes to collaborative practice and interprofessional education. Our students and faculty strive to serve as exemplary collaborators with the people they serve and with their colleagues. Several examples of our programs and activities are highlighted below to demonstrate the depth and breadth of our leadership and innovation.

National Level
CLARION Competition

MUSC’s CLARION Competition is an annual interprofessional event which provides students from different professions an opportunity to work together on a root cause analysis surrounding a case-based fictionalized sentinel event that highlights less than optimal care. The students propose solutions or system changes to prevent future events. This year’s fictional case provided the impetus for students to create an integrated plan to improve the health system for Native American populations. The Clarion competition is an opportunity for students to gain clinical and operational knowledge not otherwise received through their formal education.

Most importantly, participants come away with first-hand knowledge and understanding that interprofessional cooperation is vital to the success of our healthcare system.

This year, the first place team was comprised of entirely CHP students: Bailey Beauclair, MHA; Amy Jackson, MHA; and Melissa James, PAS. Their team won a $3,000 scholarship and competed in April at the national competition at the University of Minnesota.
University Level
Presidential Scholars Program

The Dr. Raymond S. Greenberg Presidential Scholars Program (PSP) is MUSC’s premier interprofessional program and brings together selected students and one faculty scholar from each of MUSC’s six colleges and the Charleston School of Law. Over the yearlong program, the student and faculty scholars explored the complex social, political, and human issues that shaped the delivery of health care services in South Carolina and the nation. Scholars participated in community service events, such as those with the Carolina Youth Development Center, and attended Legislative Day to meet local government officials and learn how they are impacting health care. With the project theme of “Navigating the Healthcare Network,” topic areas included women’s health, technological innovations, community health, personal health, and ethics.

First row (L-R): Mark Sweatman, Assistant to the President for Governmental Affairs and Secretary to the Board of Trustees; Dr. Zsolt Ablonczy, College of Graduate Studies; Andrea Anderson, College of Graduate Studies; Dr. Hazel Breland, College of Health Professions and Director of PSP; Heather Holnes, Associate Director of Libraries; Shannon Jones, Director of Libraries; Ellen Hay, College of Medicine; and Elizabeth Brown, College of Health Professions

Second row center: Henry D. McMaster, SC Lieutenant Governor

The Community Health group welcomes Presidential Scholar participants to their joint youth basketball tournament and health fair. L-R: Chris Attaway, College of Medicine; Hannah Rustin, College of Dental Medicine; Charlotte Westcob; College of Health Professions, MHA; Lauren Croskey, College of Health Professions, PAS; Shannon Elam, College of Medicine; Ronnetta Sartor, College of Dental Medicine; and Renae Brooks, College of Pharmacy

CHP Faculty Scholar:

Angela Mund, DNP
Director,
Division of Anesthesia for Nurses

2015-2016 CHP Student Scholars:

Elizabeth Brown-PhD
Lauren Croskey-PAS
Allison Detig-DPT
Lori Doyle-AFN
Dhmir Grant-MHA

Lara Pena-OT
Audrey Rowen-PAS
Aimee Schuh-DPT
Charlotte Westcob-MHA
Grants Submitted

In FY 2016, CHP faculty submitted 46% more grant applications than the previous four-year average. From FY 2012 to FY 2015, 39-44 grant applications were submitted, with an average of 41 per year. For FY 2016, College faculty submitted an all-time record of 60 grant applications with a total value of $41.5 million.

Included in this year’s submissions were 40 federal proposals totaling $40.2 million. Of these, nine applications were sent to the National Institutes of Health (NIH) for $17.1 million, four subproposals went to the NIH through other institutions for $1.0 million in Federal flow-down, 12 applications were submitted to the Veteran’s Administration for $12.7 million, four proposals went to the new Department of Health and Human Services Administration for Community Living for $4.1 million, one application went to the Health Resources and Service Administration for $2.5 million, and one application went to the Department of Defense for $700,000.

The College ranked 3rd in NIH funding among colleges of health professions.
RESEARCH AND SCHOLARSHIP HIGHLIGHTS

Grants Awarded

Comparable to grant submissions, the number of funded applications continues to raise the average funding rate. For FY 2016, the College had its second highest year with 44 grant awards. Between FY 2012 and FY 2015, an average of 34.5 applications were funded. Successes of FY 2016 increased this average to 36 funded applications per year, including both new grants and non-competing continuations of active projects.

Given the increasingly competitive and subjective environment of external funding, particularly from federal funding sources, this is a strong indicator of the quality of the College's research faculty, staff and students, and the strength of its research programs.

The total annual monetary value of grant awards showed a robust growth rate of 171% for the five-year period from FY 2012-2016. In FY 2016 the monetary value was an outstanding $10.3 million in awards. Thus, FY 2016 funding demonstrated continuous growth of CHP research programs.

In 2013, NIH funding made up only 11% of the grant awards; however by 2014, the percentage of NIH awards increased to 57%, with more than $5.0 million in NIH funds. For FY 2015, the College increased NIH awards to 67% of total awards, more than $7.5 million. For FY 2016, the percentage of NIH awards remained steady at 63% of total awards and worth more than $6.5 million. Funding from all federal sources now represents 95% of the grant dollars received, illustrating the competitive nature of the College's research programs.

Over the past five years, the College has directed its efforts at enhancing its research capability. The preceding paragraphs highlight some of the successes extending from this concerted focus. These efforts have not been in vain. In 2014, the College of Health Professions dramatically improved its NIH Ranking among other Colleges of Allied Health, moving from 37th in 2013 to 8th in 2014. For calendar year 2015, the College further improved its position, being ranked 3rd among 60 colleges of health professions.
RESEARCH AND SCHOLARSHIP HIGHLIGHTS

Summary of Scholarship
By the Numbers

7
Books and Book Chapters

14
Editors-in-Chief, Associate Editors and Editorial Board Members

147
Professional Presentations

87
Journal Publications
Wounded Warrior Amputee Softball Team (WWAST)

The College of Health Professions faculty, staff, and students hosted the Wounded Warrior Amputee Softball Team (WWAST) event in Charleston, SC, on April 23. Community partners included the Citadel, the College of Charleston, Make It Happen, and Limbs Without Limits, a local non-profit organization. In addition, numerous sponsors helped make the event possible.

The WWAST team is comprised of young, competitive, athletic veterans and active duty soldiers who have lost limbs post-9/11, while serving in the U.S. military. The team includes individuals with a variety of amputations of the arm, knee, and foot. The mission of the WWAST is to raise awareness, through exhibition and celebrity softball games, of the sacrifices and resilience of our military, and highlight their ability to rise above any challenge. Their goal is to show others with amputations and the general population that these athletes, through extensive rehabilitation and training, are able to express their desires and perform the sport they love.

The WWAST played a double header at the College of Charleston baseball complex against a team from Joint Base Charleston and a team of Charleston and Mt. Pleasant First Responders (police and firefighters). A highlight of the event included a ceremonial first pitch by local veteran Floyd Hennessee, a Staff Sergeant who served in the U.S. Army’s 36th Infantry Division during World War II. Staff Sergeant Hennessee was recently awarded the French Legion of Honor medal in a ceremony at the State House in Columbia for his service in the defense of France during World War II. He has also been awarded the Bronze Star for service in combat and the Purple Heart for injuries suffered in combat. The WWAST also mentored local children with disabilities at a kid’s softball camp held at the Citadel.
Fun and Functional Fashion Show

The Fun and Functional Fashion project was a unique collaboration between students in the Occupational Therapy program, with knowledge of the functional dressing challenges of two young girls with physical disabilities, and students enrolled in the Charleston County School of the Arts Costume and Fashion Design Program. The mission of this project was to provide accessible, adaptive, and fashionable clothing for children and young adults with disabilities.

There is a transformative power to clothing. Clothing can be a catalyst to make us feel different about ourselves and express the person we are inside. Children and adults with disabilities deserve contemporary fashion which allows them to easily express who they are to their family, friends, and community. The clothing designs for this project highlighted creative ways to adapt fasteners, alternative ways to get in and out of clothing, and functional changes to waistbands, sleeves and pants to account for limb differences or limitations in joint movement or changes in muscle tone. This adaptive clothing was truly integrated “wearable technology” with design modifications making it adaptive and wearable for everyday life. To showcase the designs, a fashion show was held on June 7 in the College of Health Professions Atrium with featured models Jaelah and Marlayah.
Imagine research being formulated and designed by patients and caregivers. The College of Health Professions faculty is well aware that research is traditionally done by scientists in the laboratory and may not be inclusive of the community. Faculty are now leading an effort to establish a stakeholder group for post-stroke rehabilitation in order to develop a community-driven research project that will address the needs of stroke survivors and caregivers at home.

Comprised of stroke survivors, caregivers, therapists, physicians, nurses, neuropsychologists, rehabilitation specialists, social workers, stroke center directors, and researchers who represent various aspects of post-stroke rehabilitation processes, the group named “Survive to Thrive” is committed to bringing the real issues to the table. Stakeholder group discussions have revealed that the current medical attention is insufficient to help stroke survivors and their family members to return to a productive lifestyle after a stroke. Often the survivors experience discoordination of care between multiple care settings, discontinuation of care, and/or lack of knowledge about resources and treatment options. Ms. Williams, a stroke survivor said, “It is such an opportunity to contribute to the dialogue with clinicians and researchers and provide my insight as a patient who is experiencing life after a stroke.”

The Survive to Thrive group is currently funded by the Patient-Centered Outcomes Research Institute (PCORI) Pipeline to Proposal Tier II grant. Drs. Na Jin Seo, Michelle Woodbury, and Gayenell Magwood are the co-project leads and contributors of the grant. With additional support from the Center of Biomedical Research Excellent, Survive to Thrive contributed to the establishment of a stroke peer mentor program at Roper Rehabilitation Hospital.

**Survive to Thrive**

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**2015 Trident United Way Day of Caring**

On November 13, CHP students, faculty, and staff served the Charleston community as part of the annual Trident United Way’s Day of Caring. This annual event provides an opportunity for corporate volunteer teams to partner with agencies and schools to increase community engagement in the tri-county area. The College elected to help and support Pattison’s Academy in West Ashley, SC, by assisting with cleaning storage units and helping the organization gain a better assessment of equipment that was currently being housed in storage. Pattison’s Academy was founded in 2006 by a group of people committed to improving the quality of life for children with multiple and severe disabilities by providing comprehensive education and rehabilitation programs.

**March of Dimes**

CHP has been supportive of the March of Dimes for many years. Staff Congress organized numerous fundraising events throughout the year to raise funds for the organization. The 3rd annual CHP Chili Faculty and Staff Cook-Off was held in the fall and an inaugural Valentine’s Day Candy Gram event was held in February. Two days were identified as Blue Jeans for Babies day, and faculty and staff could participate by making a donation and be able to wear jeans to work. These events raised $1,067 for the March of Dimes.

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*SERVICE HIGHLIGHTS – GIVING BACK*

**Survive to Thrive discussed ways to improve care for stroke survivors and caregivers**

*2015 Trident United Way Day of Caring*

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Faculty Honors

American Occupational Therapy Association (AOTA) Roster of Fellows

The AOTA Roster of Fellows recognizes members who, with their knowledge and expertise, have made a significant contribution to the continuing education and professional development of members of the Association. The Division of Occupational Therapy is proud to have three faculty members who received this national recognition at the 2016 National AOTA conference in Chicago, IL.

Craig Velozo, PhD, OTR/L, FAOTA
Division Director and Professor
Advancing Measurement
Science to Impact Occupational Therapy Practice

Nancy Carson, PhD, OTR/L, FAOTA
Associate Professor and Associate Dean for Academic and Faculty Affairs, Leader, Educator, Mentor in Community Mental Health

Hazel Breland, PhD, OTR/L, FAOTA
Promoted to Associate Professor
Innovation in Interprofessional Leadership, Advocacy, and Diversity

Faculty Awards: Education

2015 College of Health Professions Excellence in Teaching Award

Cynthia Dodds, PT, PhD, Assistant Professor, Division of Physical Therapy, is recognized by colleagues and students for her excellence and effectiveness as an educator. Examples of student comments are:

“One outstanding aspect of her teaching is the ability to see beyond the disability, diagnosis, and/or complaint with which each patient/client presents in order to provide physical therapy as a holistic treatment.”

“She embodies the definition of the teacher of the year because of the time she takes to mentor her students. This often means putting in many extra hours to assist students with writing grants, developing special projects and addressing questions regarding career planning.”

“Every May, she travels to Uganda for a medical mission trip to provide physical therapy services to those underserved populations who do not have access to quality healthcare. For these trips, she not only has to pay her own way, but she also is responsible for collecting and organizing the majority of the supplies needed to provide adequate treatment. This process starts every January prior to the trip in order to collect all the provisions in time for the May departure. Then, while on the ground in Uganda, she serves two primary roles, one as a teacher and the other as a physical therapy provider, serving the people of Uganda.”

“Her passion for physical therapy and pediatrics is so strong that it is truly contagious. She has continually shown us the incredible difference that we can make in children’s lives. She has even sparked a desire for me to work in pediatrics, which I did not have upon beginning physical therapy school.”
Research and Scholarship
2015 College of Health Professions
Scholar of the Year

Steven Kautz, PhD. Professor and Chair, Department of Health Sciences and Research, is recognized for his prolific scholarship, effectiveness as a mentor, and his leadership in advancing the College’s research agenda. For this fiscal year, Dr. Kautz authored seven publications and submitted four additional manuscripts.

Dr. Kautz is the Principal Investigator for the $10.8 million NIH Center of Biomedical Research Excellence in Stroke Recovery grant. He is also the Principal Investigator of National Center of Neuromodulation for Rehabilitation. This 5-year grant will generate $5.8 million for the College. These accomplishments required an incredible time commitment, intense focus, and leadership to be successful. Dr. Kautz’s application for a VA Research Career Scientist Grant was funded and his score on a VA merit award will bring in almost $1 million additional dollars to the College over the next three years.

The College is now ranked 3rd in the country in NIH funding compared to other colleges of health professions. Grant revenues in the College increased by 36% in 2015 to a new record high of $12.1 million. The College’s success in the area of research is due in a large part to Dr. Kautz’s accomplishments and contributions.

Mark Bowden, PhD, was promoted to Associate Professor, Department of Health Sciences and Research. Dr. Bowden has demonstrated productivity in scholarship with both extramural funding and peer-reviewed publications. Dr. Bowden is currently the principal investigator of two large projects: a VA Career Development Award about the “Augmentation of Locomotor Adaptation Post-Stroke” and the sub-project on the COBRE grant studying “Excitatory and Inhibitory TMS as Mechanistic Contributors to Walking Recovery.” For fiscal year 2015, he had four accepted publications and two under review. In addition, he authored three presentations and submitted six abstracts. These metrics demonstrate Dr. Bowden’s scholarship achievements.

Dr. Bowden has also excelled in teaching and service. He is the founding Director of the MUSC Neurologic Residency Program in the Division of Physical Therapy. He serves as a mentor and advisor to PhD students, and teaches coursework in the Physical Therapy program. Dr. Bowden has embraced service on local and national levels. He has been a member of the MUSC Faculty Senate since 2010 and is on numerous other College and University committees. Dr. Bowden serves as a scientific reviewer for the Defense Medical Research and Development Program and is a manuscript reviewer for over 24 different journals.

Sara Kraft, PT, DPT, was promoted to Associate Professor, Division of Physical Therapy. She was recognized for her sustained service to the community, her profession, the University and the College. She is a faculty advisor to the student-run CARES Therapy Clinic. This clinic provides therapy services to underfunded populations and a hands-on learning environment for DPT and OT students. Dr. Kraft developed and gives of her time to the Adaptive Water Ski Clinic which helps individuals with neurological impairment.

Dr. Kraft is active with the American Physical Therapy Association (APTA) on the state and national levels. She is a member of the following committees: South Carolina APTA Ethics Committee, APTA Wheelchair Task Force, and the APTA Neurology Section Advocacy Committee. In addition, she is a member of the Achieving Wheelchair Equality Board of Directors. Dr. Kraft is the Residency Coordinator for the Division of Physical Therapy Neurological Physical Therapy Residency and travels across the eastern United States to visit residency sites and provide mentorship. Given her clinical expertise for complex neurological patients, she is also a consultant at Roper Rehabilitation Hospital.

Furthermore, with all that she does, Dr. Kraft makes time to serve as a swimming coach for First Baptist School in Charleston, SC, where she has coached her team to eight consecutive state championships. The service Dr. Kraft provides is truly changing what is possible for individuals with disabilities, for our students and for the community.

Service
2015 College of Health Professions Excellence in Service Award

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HONORS, AWARDS, AND PROMOTIONS

Faculty Tenure and Promotions

Tenure Recipient

David Morrisette, PT, PhD
Director, Division of Physical Therapy

Promotion to Associate Professor

Abby Swanson Kazley, PhD
Department of Healthcare Leadership and Management

Angela Mund, DNP
Director, Division of Anesthesia for Nurses

Promotion to Professor

Na Jin Seo, PhD
Division of Occupational Therapy

Annie Simpson, PhD
Department of Healthcare Leadership and Management

Promotion to Assistant Professor

Amanda Giles, OTD, OTR/L
Division of Occupational Therapy

Amanda Giles, OTD, OTR/L
Division of Occupational Therapy
Ms. Meghan Herbert (Department of Healthcare Leadership and Management) was promoted from Human Resources Manager to Business Manager. She received both the Annual Legend Award and the quarterly staff award for her positive attitude and irreplaceable service to the College. Meghan has built professional relationships throughout the College and University based on respect and trust. She makes valuable contributions, finds solutions to problems, and works proactively to meet deadlines. She works hard and is willing to do whatever necessary to ensure her team and the College accomplish their missions.

Ms. Kim Rang (Clinical Education) received the quarterly staff award for her outstanding performance across a number of months while the Physician Assistant Studies program was searching for a new Clinical Coordinator for Operations. Kim accepted additional responsibilities during the transition to ensure a seamless clinical experience for the students. In addition to these duties, she successfully managed large data needed for new out-of-state regulations, accreditation, and preceptor compensation.

Ms. Lauren Smith (Student Life and Recruitment) was promoted from Assistant Director to Associate Director of Recruitment. She received the quarterly staff award for her willingness to take on additional work outside her regular job responsibilities. Lauren implemented technology to help lessen the cost of travel and counteract the limited manpower that often prohibits CHP from reaching more out-of-state schools. She hosted many virtual fairs, online chats, and webcasts, most often after hours in order to accommodate students’ schedules. She serves on a number of planning committees in celebration of CHP’s 50th anniversary as well as University-wide Diversity and Inclusion committees.

Ms. Lauren Funke (Department of Health Professions) was promoted from Program Assistant to Human Resources Manager. She received the quarterly staff award for her success in coordinating nearly six hundred students across five clinical programs at several hundred clinical sites. Lauren worked with the students to ensure they are compliant with College requirements as well as any additional requirements of the clinical site.
Ms. Cami Meyer (Director of Student Life and Recruitment) received the Volunteer of the Year Award for her participation in many service activities around the College and University. Cami has served on numerous committees including the CHP March of Dimes Campaign, the Community Gala planning committee in honor of CHP’s 50th anniversary, the CHP Faculty and Staff Picnic, and the MUSC YES Campaign. In addition, she served as a Staff Congress leader for the past two years which entailed managing the bi-monthly staff lunch meetings, organizing the annual CHP Chili Cook-Off and other fundraisers, and coordinating volunteers for the Day of Caring which is sponsored by Trident United Way.

The Research Administration Team received the Team of the Year Award for its outstanding performance and exceptional support in facilitating all-time records for the College with 44 applications and more than $12.1 million in awards for FY 2015.

The team touches each pillar of MUSC Excellence. The team’s high productivity impacts the people pillar by providing job security and new job opportunities; their post-award management impacts the service pillar by allowing more time for the researchers to conduct the research; their establishment of best practices for both pre-award and post-award administration impacts the quality pillar; their milestones in grant submissions and awards impacts the growth pillar as it allows new research opportunities for the College; and their adherence to fiscally sound budgets’ impacts the finance pillar by continuing to bring in more research funding. The Research Administration Team embodies the ideals of MUSC Excellence, and this award recognizes their collective accomplishments.

### 2015 Staff Team of the Year

The **Research Administration Team** received the Team of the Year Award for its outstanding performance and exceptional support in facilitating all-time records for the College with 44 applications and more than $12.1 million in awards for FY 2015.

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### 2015 Staff Service Award

Ms. Cami Meyer (Director of Student Life and Recruitment) received the Volunteer of the Year Award for her participation in many service activities around the College and University. Cami has served on numerous committees including the CHP March of Dimes Campaign, the Community Gala planning committee in honor of CHP’s 50th anniversary, the CHP Faculty and Staff Picnic, and the MUSC YES Campaign. In addition, she served as a Staff Congress leader for the past two years which entailed managing the bi-monthly staff lunch meetings, organizing the annual CHP Chili Cook-Off and other fundraisers, and coordinating volunteers for the Day of Caring which is sponsored by Trident United Way.

### 2015-2016 Staff of the Month

<table>
<thead>
<tr>
<th>Month/Year</th>
<th>Recipient</th>
<th>Team</th>
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<tbody>
<tr>
<td>July 2015</td>
<td>Ms. Shenikqua Simmons</td>
<td>Administrative Support</td>
</tr>
<tr>
<td>August 2015</td>
<td>Ms. Rebecca Barry</td>
<td>Student Services &amp; Student Life</td>
</tr>
<tr>
<td>September 2015</td>
<td>Ms. Debra Battjes Siler</td>
<td>Research Administration</td>
</tr>
<tr>
<td>October 2015</td>
<td>Ms. Marianne Hertzfeld</td>
<td>Administrative Support</td>
</tr>
<tr>
<td>November 2015</td>
<td>Ms. Laura Reid</td>
<td>Administrative Support</td>
</tr>
<tr>
<td>December 2015</td>
<td>Ms. Kelly Long</td>
<td>Student Services &amp; Student Life</td>
</tr>
<tr>
<td>January 2016</td>
<td>Ms. Terri Bozzelli</td>
<td>Administrative Support</td>
</tr>
<tr>
<td>February 2016</td>
<td>Ms. Meghan Kirwan</td>
<td>Administrative Support</td>
</tr>
<tr>
<td>March 2016</td>
<td>Mr. Richard Aust</td>
<td>Research Grant Staff</td>
</tr>
<tr>
<td>April 2016</td>
<td>Ms. D’Andra Roper</td>
<td>Research Grant Staff</td>
</tr>
<tr>
<td>May 2016</td>
<td>Ms. Juli Wilt</td>
<td>Administrative Support</td>
</tr>
<tr>
<td>June 2016</td>
<td>Ms. Rebecca Truesdell</td>
<td>Research Administration</td>
</tr>
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</table>
HONORS, AWARDS, AND PROMOTIONS

Staff Promotions

Ms. Catherine Cummins promoted from Business Manager to Business Manager and College Fiscal Analyst, College of Health Professions, Office of the Dean

Ms. Laura Reid promoted from Administrative Assistant to Administrative Coordinator I, Department of Health Professions

Ms. Ashley Martindale promoted from Business Manager and College Fiscal Analyst to College Finance Manager, Office of the Dean

Ms. Marianne Hertzfeld promoted from Administrative Coordinator to Executive Assistant, Office of the Dean

Ms. Carrie Hackett promoted from Grant Administrator I to Grant Administrator II, Research Administration Team

Ms. LuAnne Harley promoted from Grant Administrator I to Grant Administrator II, Research Administration Team
The Center for Rehabilitation Research in Neurological Conditions (CRRNC) continues to provide leadership to the College and University, and receive outstanding national recognition for its success in research, scholarly activities, and training. The work of the CRRNC includes two primary areas of focus that include prevention and outcomes research to promote health, employment, and longevity after disability; and on evaluation and treatment. The first area is led by Dr. James Krause, Associate Dean for Research and CRRNC Director, with the second area led by Dr. Steven Kautz, Chair of the Department of Health Sciences and Research and Co-Director of the CRRNC. The CRRNC includes laboratories examining locomotor energetics, rehabilitation, and upper extremity motor function.

**Prevention and Outcomes Research**

The Prevention and Outcomes Research of the CRRNC was supported by a total of 11 active grants during this fiscal year, including 6 federal grants as lead institution, 2 federal subcontracts, 2 state grants, and a foundation grant. There are 13 distinct research projects, including studies of individuals with spinal cord injury (SCI) and multiple sclerosis. Dr. Yue Cao assumed the role as principal investigator on an investigation of chronic health conditions after SCI.

**Evaluation and Treatment**

The research faculty of the Evaluation and Treatment Program obtained more than $6 million in external funding in FY 2016. There is an increase in activity as the NIH Center of Biomedical Research Excellence (COBRE) in Stroke Recovery completes its second year. The CRRNC expanded its research capability through the development of the Operant Conditioning Laboratory, led by Dr. Aiko Thompson, and the High Definition Electroencephalography Laboratory. In addition, a new five-year NIH P2C award was also received, for a total of $5,245,792, to become a site in the NIH Medical Rehabilitation Research Infrastructure Network – The National Center of Neuromodulation for Rehabilitation (NC NM4R).

The CRRNC’s faculty and staff continue to bring national recognition to the College of Health Professions and the Medical University of South Carolina in the areas of stroke and spinal cord injury.

**New Postdoctoral Fellow**

Nicole DiPiro, PhD is a postdoctoral fellow who joined the Center. Dr. DiPiro holds a PhD in Health and Rehabilitation Science from the College of Health Professions at the Medical University of South Carolina.
The Department of Health Sciences and Research had yet another outstanding year with Department Principal Investigators awarded $6,277,436 in total funding for FY 2015, to include more than $4.7 million in National Institutes of Health (NIH) funding. The funding is almost 10% greater than the previous year, a fantastic accomplishment in the current funding environment. Most current NIH funding runs through at least 2018, bringing long term stability to the Department. In addition, the Department faculty submitted 25 grants grant applications totaling more than $25 million during FY 2016. The Department faculty continue to focus on the future of health care research and the benefits their research brings to patients throughout the world.

Dr. Steven Kautz
Department Chair,
2015 CHP Scholar of the Year
award recipient

NIH Center of Biomedical Research Excellence (COBRE) in Stroke Recovery

The Department continued work on already funded research projects such as the NIH Center of Biomedical Research Excellence (COBRE) in Stroke Recovery program. Dr. Kautz, the Project Director, has worked with the Executive Committee, comprised of MUSC research leaders across the University to ensure the success. Center funds support research of multiple department and college investigators, including Drs. Kautz, Gregory, Bowden, Woodbury, Dean, Bonilha, Thompson, Segal, and Seo. Center for Rehabilitation Research in Neurological Conditions (CRRNC) laboratories serve as a key core resource for all researchers: the Quantitative Behavioral Assessment and Rehabilitation (QBAR) Core (directed by Dr. Kautz).

Also included in the $10.8 million center are investigators from MUSC departments of Neurology, Neuroscience, Radiology, Psychiatry, and Medicine. In reviewing the progress of the center at the second annual meeting in January, the eminent External Advisory Board concluded: “Collectively, we were impressed by the extraordinary productivity and palpable cohesion demonstrated by this talented group of investigators. We want to congratulate the team on an incredible job, and we encourage them to keep up this level of engagement and productivity.” Stroke recovery research at MUSC, led by the College of Health Professions, has reached national prominence.
NIH Medical Rehabilitation Research Infrastructure Network Award

The Department is excited to highlight a new NIH P2C award, making MUSC a site in the NIH Medical Rehabilitation Research Infrastructure Network for the National Center of Neuromodulation for Rehabilitation (NC NM4R). NIH recently funded a total of six centers in the nation to provide resources nationally to the rehabilitation research community. Leaders of the Center are Dr. Kautz, Program Director; Dr. Rick Segal, Education Director and Dr. Mark George, Department of MUSC Psychiatry, Scientific Director. Dr. Aiko Thompson serves on the Executive Committee and leads efforts in operant conditioning of brain and spinal networks. This funding recognizes MUSC as a premier institution in the country in supporting research in neuromodulation for rehabilitation. Other lead institutions in the network include Stanford University, University of Pittsburgh, University of Alabama-Birmingham, University of Texas-Medical Branch and a company associated with Dartmouth University.

Over the next 5 years, a number of researchers will come to MUSC for training and to present the latest in rehabilitation research. By any definition, this is objective evidence that The College of Health Professions is achieving national prominence in research.

Telerehabilitation Research

Our faculty continue to grow strength in the area of telerehabilitation. As the pressures to contain health care costs increase, telerehabilitation is anticipated to become a prominent part of the solution. There are two investigators leading efforts in this area, Drs. Michelle Woodbury and Chris Gregory. Dr. Woodbury continues to develop her “Duck-Duck-Punch” virtual environment for the home and the clinic through an application for NIH funding for the company that is developing Duck-Duck-Punch. In addition, Dr. Woodbury served as the Principal Investigator of the MUSC site in an NIH clinical trial in post-stroke telerehabilitation.

Dr. Gregory received nearly $650,000 this year in new sustainment project funding for his VA project “Rural Veterans Telerehabilitation Initiative: RVTRI Stroke.” We hope to expand these and similar projects in the future.

Interactive virtual reality system demonstrated in the Upper Extremity Motor Function Lab.

Locomotor training with or without body weight support helps build balance and strength.

Dr. Woodbury, developer and Austen Hayes, CEO of Recovr, Inc., testing the installation of the Duck-Duck-Punch system in the CARES Clinic.
New Faculty

Eric Monsch, PT, DPT, Research Associate, received a joint appointment in the Department of Health Sciences and Research and the Division of Physical Therapy. Dr. Monsch is a 2012 graduate of the MUSC Doctor of Physical Therapy Program. He received a Bachelor of Science in Exercise Science, Motor Development from the University of South Carolina in 2009.

Division of Health and Rehabilitation Science

The interdisciplinary doctoral program in Health and Rehabilitation Science (PhD) allows faculty researchers to expand their impact beyond their direct scientific contributions by developing high-level, well-trained researchers in their respective fields.

The high quality training is well-reflected through student presentations, publications, and grants. In FY 2016, students submitted 24 manuscripts, provided 18 oral conference presentations and 35 poster presentations. Three students successfully competed for grant funding for their research, including: an American Society of Biomechanics Graduate Student Grant-in-Aid, awarded to Dr. Charlambos Charalambous; a Predoctoral T32 Training Fellowship, awarded to Mrs. Jordan Hazelwood; and an MUSC COBRE Pilot as well as a Predoctoral TL1/T32 Training Fellowship awarded to Ms. Kelly Anderson. The quality and magnitude of the students’ work is comparable to expectations for junior faculty.

Over the past year, the Division celebrated four graduates: Drs. Charlambos Charalambous, Melanie Jefferson, Chih-Ying Li and Victor Fresco. The diverse topics of their dissertation research embody the interdisciplinary emphasis of our Division. We are very proud of the students’ accomplishments and applaud the efforts of the students and their mentors in these great achievements. Additional information regarding students’ dissertations may be found in the Student Achievement Highlights section of this report.
The Department of Health Professions (DHP) is home to five professional practice programs: Anesthesia for Nurses, Cardiovascular Perfusion, Occupational Therapy, Physical Therapy and Physician Assistant Studies and a new Bachelor of Science in Healthcare Studies program within the College of Health Professions. These programs have some of the most selective admissions in the country. Through their outstanding students and faculty, interprofessional education is transferred from the classroom into practice. For example, the Community Aid, Relief, Education and Support (CARES) Therapy Clinic, a student-run free therapy clinic, provides an opportunity for students from different professions to work together. The CARES Therapy Clinic serves as a venue for implementing research findings into clinical practice.

Dr. Richard Segal
Department Chair

Community Aid, Relief, Education and Support (CARES) Therapy Clinic, A student-run free therapy clinic

U.S. News and World Report Rankings

★ Occupational Therapy ranked 17th out of 164 accredited programs.
★ Physical Therapy ranked 28th out of 233 accredited programs.
★ Nurse Anesthesia ranked 29th out of 115 accredited programs.
★ Master in Health Administration ranked 17th out of 80 accredited programs.
Division of Anesthesia for Nurses

The Division of Anesthesia for Nurses (AFN) offers a Master of Science in Nurse Anesthesia (MSNA) degree and a post-master’s Doctor of Nurse Anesthesia Practice (DNAP) degree. The AFN Programs are accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA) through fall 2019. The MSNA is a 28-month program dedicated to producing competent, compassionate, and knowledgeable Certified Registered Nurse Anesthetists (CRNA) who will meet the healthcare needs of society through clinical practice, education, and research. Thirty-two students were accepted into the Class of 2017. The average GPA of the matriculated students is 3.5. The Class of 2015 graduated with an overall GPA of 3.9, a 100% employment rate, and achieved a national certification first time pass rate of 86%.

AFN Program receives approval to offer Post-Baccalaureate Doctor in Nurse Anesthesia Practice Program in May 2017.

Doctor of Nurse Anesthesia Practice (DNAP)

The MUSC AFN Division is the first program in South Carolina to offer a DNAP degree for practicing CRNAs. The inaugural DNAP class will graduate in December 2016. The program is designed for Certified Registered Nurse Anesthetists (CRNA) who already hold a master’s degree in nurse anesthesia or a related field. The purpose of the post-master’s DNAP (DNAP-PM) program is to graduate CRNAs who have the educational tools to assume leadership roles in healthcare; to expand the educational experiences of CRNAs with additional content in pain management and in crisis simulation; and to develop current clinical practitioner’s skills in creating an evidence-based practice founded in scholarly research, best practices, and evaluation of outcomes.
Post-Baccalaureate Doctor in Nurse Anesthesia Practice Program (DNAP-PB)

As required by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA), all nurse anesthesia programs must offer a doctoral program by 2022. In alignment with the MUSC goal of Innovative Learning, the AFN faculty decided to transition earlier than required and be a leader in educational offerings.

In March 2016, the AFN Faculty submitted the application to the COA for approval to offer the post-baccalaureate DNAP as the entry level degree program and received full approval in June 2016. The Class of 2018 will be the final Master of Science in Nurse Anesthesia graduates. The first DNAP-PB cohort will be applying this fall for matriculation in summer 2017. The DNAP-PB program will incorporate the content of the post-master’s DNAP with nurse anesthesia didactic and clinical curriculum.

The objectives of the DNAP-PB program are to:

- Expand the clinical education of CRNAs with the addition of increased clinical education hours, instruction in advanced technology, and high-fidelity crisis simulation.
- Prepare CRNAs to provide a clinical practice that is founded on the basis of evidence, research, and outcomes.
- Produce CRNAs who have the education and skills to assume leadership roles in healthcare.

High Fidelity Simulation

Simulation continues to play a vital role within the AFN Division. Ranging from the most basic to the most complex of clinical skills, the Division provides its students with specific skill trainers as well as integrated high fidelity simulation. This allows for foundational learning prior to the start of clinical training. This year, AFN continued to invest in technology and promote evidence-based simulation education. High fidelity simulation within a mock operating room was successfully integrated throughout the entire didactic curriculum. In addition to the entry level simulation skills, the high fidelity simulator and mock operating room were used during the doctoral level course: Clinical Simulation for Crisis Management. The purpose of this new course is to provide a realistic simulated environment for CRNAs to demonstrate effective decision making in high-risk, low-occurrence critical events.

Professional Advocacy and Community Engagement

AFN students attended the American Association of Nurse Anesthetists Mid-Year Assembly in Washington, DC. The Mid-Year Assembly focuses on educating and engaging nurse anesthesia practitioners in health care policy and advocacy. According to Mr. Louis Castellano, AFN Class of 2017 President, “The speakers at the Mid-Year Assembly were nationally recognized experts and prepared me to take part in the democratic privilege of addressing my congressman, which was a personal highlight. The close community among the CRNAs was also a highlight. Even as a student, I feel like I have joined a profession that not only cares for patients but also looks out for one another.”
FACULTY ACCOMPLISHMENTS

Dr. Angela Mund was elected to serve as the President of the MUSC Faculty Senate. She served as secretary of the South Carolina Association of Nurse Anesthetists and Chair of the American Association of Nurse Anesthetists CRNA-PAC.

Dr. Candace B. Jaruzel received her PhD in Nursing Science from the Medical University of South Carolina College of Nursing in May 2016.

Dr. Michele Ballister served as committee chair on the American Association of Nurse Anesthetists Nominating Committee.

STUDENT ACCOMPLISHMENTS

Ms. Emily Andrews, was selected by the South Carolina Association of Nurse Anesthetists (SCANA) Board of Directors to serve as the student nurse anesthetist representative.

Mr. Eric Kern was selected to serve as the student representative on the American Association of Nurse Anesthetists CRNA Political Action Committee.

Mr. Burt Srisuwan received the American Association of Nurse Anesthetists Foundation Dr. Maureen Reilly Scholarship.

Division of Cardiovascular Perfusion

The Cardiovascular Perfusion (CVP) Program was established in 1979 and offers a bachelor degree that is fully accredited by the Accreditation Committee for Perfusion Education. In the fall of 2016, the program will transition to a Master of Science in Cardiovascular Perfusion. The purpose of this training program is to educate clinical perfusionists to operate a heart-lung machine during complex open heart surgery. This profession demands highly-skilled, knowledgeable and mature individuals to work as an integral part of a cardiac surgery team.

The Cardiovascular Perfusion program is the second largest in the U.S. The program has doubled in size over the past five years, and will continue to increase to 25 students in 2016. The job market was very strong for graduates this year due to an apparent impending shortage of clinical perfusionists. All students who graduated in May 2016 had job offers with excellent starting salaries. Recent graduates reported that they were very satisfied with their education and 100% agree they would recommend the CVP program to potential applicants.
Updated Video Capacity in Simulation Labs

MUSC is the only perfusion education program with both the Orpheus and the Califia cardiopulmonary bypass simulators. Both perfusion simulation labs have been updated with high definition cameras, video screens and Smart Boards. This is essential as the Division increases the number of students accepted to the program and must provide high fidelity simulated clinical experiences prior to entering the operating room.

Outstanding Clinical Instructor Award

Ms. Rhoda McFee, a CVP alumni and former faculty member, received the Outstanding Clinical Instructor Award.

The Team Approach to Cardiac Surgery and Update on Perfusion Devices Conference

The Team Approach to Cardiac Surgery was a successful conference offered in October 2015. More than 30 nurses from MUSC and 70 perfusionists from across the United States were in attendance. The format was designed to provide 20-minute TED type talks about adult and pediatric heart surgery.

New Clinical Sites

In order to accommodate the additional number of students, the Division added new clinical sites. The Division is fortunate to have a large number of highly rated cardiac surgical centers throughout the United States interested in becoming clinical sites. With six new adult clinical sites and two pediatric sites, the total number of clinical sites is now 30. One of the new clinical sites is international in Wellington, New Zealand, and students are looking forward to a great educational experience.
The South Carolina Commission on Higher Education approved the new Bachelor of Science in Healthcare Studies (BSHS) program in May of 2016. The program targets graduates with an Associate in Science degree from a South Carolina community or technical college. The mission is to provide graduates with a foundation in population health, and the ability to think critically about health-related issues and develop innovative solutions that integrate the social determinants of health. This mission aligns with MUSC’s mission to preserve and optimize human life in SC and beyond by promoting health and educating a diverse healthcare workforce that can meet the needs of our communities.

The BSHS program is also uniquely designed to make college more affordable for students. Students will complete their Associate in Science degree at a technical or community college and complete their last two years at MUSC, utilizing distance education to deliver high-quality and affordable education for students at an academic medical center. Courses will be offered in a blended format, allowing students to work and live in their home communities. Graduates of the program will have the option to enter the workforce as a qualified health promotion professional or apply to graduate school in one of the many health professions. The first class will matriculate in the fall of 2016.

### Division Director

Brandi White, PhD, MPH,
Assistant Professor and Division Director, received her PhD in Health and Rehabilitation Science from MUSC and her Master in Public Health (MPH) in Community Health Education from the University of Minnesota. Previously, she was an integral part of MUSC’s diversity and inclusion strategic planning initiatives and MUSC’s Office of Training & Intercultural Education. Dr. White was a coordinator of MUSC’s Center for Community Health Partnerships and a researcher with the US Environmental Protection Agency Office of Research and Development. Dr. White was the 2015 recipient of the Earl B. Higgins Achievement in Diversity Award. She was a scholar in the MUSC Presidential Scholars and the Academy Health/Aetna Foundation Minority Scholars Programs. Dr. White also holds a secondary appointment in MUSC Department of Public Health Sciences.

### New Faculty

Ashley Tennessee, DHA, MBA, MPH, Assistant Professor, will join the Division of Healthcare Studies in July 2016. Dr. Tennessee served as Assistant Director for the Office of Continuing Medical Education for the University of Tennessee Health Science Center. Dr. Tennessee was awarded, with honors, her Doctorate in Health Administration (DHA) from MUSC, her Master in Business Administration from the University of Memphis, and her Master in Public Health (MPH) in Health Systems Management from Tulane University School of Public Health and Tropical Medicine. Prior to joining the faculty at MUSC, Dr. Tennessee served as Leading Faculty Area Chair for the College of Health Professions Division of Wellness at the University of Phoenix-Memphis and served as an Associate Faculty for the Division of Humanities. Dr. Tennessee has received several honors; however, most notable is the 2014 Academic Leadership Award for her exemplary service, leadership and dedication to the University of Phoenix-Memphis campus.
The Division of Occupational Therapy (OT) offers the Master of Science in Occupational Therapy and is committed to offering an educational program focused on interprofessionalism, community engagement and evidence-based practice. The Division is presently nationally ranked 17th (up from 21st) according to *U.S. News and World Report* and received 466 applications this past year. Forty-six outstanding students were accepted into the class of 2018. The graduates of 2015 achieved a 100% national board pass rate. The program is accredited by the Accreditation Council for Occupational Educators (ACOTE) until 2024.

**FACULTY HONORS**

Drs. Hazel Breland, Nancy Carson and Craig Velozo were inducted into the American Occupational Therapy Association (AOTA) Roster of Fellows during the AOTA Annual Conference in Chicago, April 2016. The Roster of Fellows recognizes occupational therapists who through their knowledge, expertise, leadership, advocacy, and/or guidance have made a significant contribution over time to the profession with a measured impact on consumers of occupational therapy services and/or members of the Association.

**Community-based Activities**

Community activities and interprofessional activities continue to be strong components for experiential learning and students participate in a variety of learning activities with diverse populations throughout the community. This past year, OT students participated in many programs, including a work activity center for adults with developmental disabilities, a school for children with multiple disabilities, a mental health drop-in center for adults with severe mental illness, a community re-entry program for individuals with traumatic brain injury, international mission trips, and the Community Aid, Relief, Education and Support (CARES) Therapy Clinic.
Interprofessional Medical Mission Trips

Faculty and students have provided much needed therapy services to adults and children in underserved areas of the world for over a decade. Faculty and students have worked on interprofessional medical mission teams in South Africa, Uganda, Romania and Nicaragua. Faculty partner with community non-profits to help impoverished communities take ownership in a sustainable healthcare model that brings about long-term change and tangible improvements in quality of life.

During the short-term medical mission trip, OT students and mentors visited remote village locations where mobile clinics provide health education, rehabilitation, medical services, pharmacy and adaptive equipment to children and adults with physical disabilities and chronic diseases. Students practiced discipline-specific skills while gaining an understanding and respect for other team members’ roles and responsibilities.

Scholarship and Research

The OT faculty has been extremely productive in scholarship and research this past year, publishing 14 peer reviewed publications and textbook chapters and 3 non-peer reviewed publications. Faculty and students presented 45 posters or presentations at national and local conferences. Faculties were funded as either principal investigator or co-investigators on 11 grants and contracts, receiving $333,412 this year and $863,612 for the duration of the awards.

Dr. Na Jin Seo is involved in innovative projects studying the patterns in the distal upper extremity, low cost computerized clinical assessments to study movement quality.

Dr. Seo in collaboration with Dr. Woodbury has received Tier II funding from the Patient-Centered Outcomes Research Institute (PCORI) for forming partnerships for physical rehabilitation with individuals sustaining stroke.

Dr. Craig Velozo is collaborating with physical therapy investigators at MUSC in developing pediatric assessment to measure sensory responsivenes. He is working with investigators at Shepherd Hospital in Atlanta to develop a safety and independence measure for individuals sustaining spinal cord injury. In addition, he is collaborating with Dr. James Krause in the Department of Health Sciences and Research in developing outcomes measures for the long-term effects of spinal cord injury.

Dr. Amanda Giles and MUSC colleagues developed GONI interactive video training modules designed to educate students in measuring range of motion. It will soon be available on iOS and Android mobile platforms.

Dr. Peter Bowman is collaborating with the College of Dental Medicine at MUSC study the effectiveness of ergonomic training for dental medical students on impacting the use of good body mechanics, posture, positioning and stretching exercise methodologies during patient treatment.

Dr. Patty Coker-Bolt has recently received support as a Fulbright Specialist in developing an innovative educational model to support the eight semester occupational and physical therapy curriculum developed for the Department of Rehabilitation Sciences at the Episcopal University of Haiti.
Division of Physical Therapy

The Division of Physical Therapy (DPT) is committed to innovation and leadership in education. The Doctor of Physical Therapy Program entry-level clinical program is accepted 64 students in 2015 with an average GPA of 3.6 and average GRE scores in the 66th percentile. The DPT program is ranked 28th by the U.S. News and World Report. The faculty are recognized as outstanding educators with first time pass rates on the licensing exam consistently surpassing the national average with a 100% first time pass rate in 2015.

The DPT program ranked 28th by the U.S. News and World Report.

Residency Programs

Directed by Dr. Mark Bowden, the Neurological Physical Therapy Residency Program is delivered in collaboration with HealthSouth rehabilitation hospitals. The residency program received a 5-year accreditation from the American Board of Physical Therapy Residency and Fellowship Education (ABPTRFE) and currently has residents in South Carolina, Virginia, and Pennsylvania. The residency is designed to improve the level of evidence-based practice occurring in rehabilitation hospitals. All graduates who took the Neurologic Clinical Specialist (NCS) examination passed.

The Orthopedic Physical Therapy Residency program received candidacy status with the ABPTRFE and will have a site visit in August 2016. The Division collaborates with Clemson Sports Medicine and Rehabilitation, and Palmetto Health Orthopedics, with residents in the Charleston, SC and Columbia, SC areas.

Simulation Enhances the Acute Care Educational Experience

As a component of the Cardiopulmonary Physical Therapy course, DPT students have an opportunity to practice their cardiopulmonary assessment skills at the MUSC Healthcare Simulation Center using high fidelity human simulation (HFHS). During the HFHS experience, students assess and interpret peripheral pulses, blood pressure, respiration, heart and breath sounds, static and dynamic electrocardiograms, and arterial blood gas values. According to Dr. David Sword, the use of HFHS allows for student exposure to a wide variety of patient scenarios that would not be available in a typical classroom or laboratory setting. The Healthcare Simulation Center at MUSC allows students to practice their clinical skills in a realistic and safe environment, without the fear of placing actual patients at risk, and allows for any clinical scenario to be replicated.

New Faculty

Stephanie McGowan, DPT, Instructor, served as an adjunct since 2006 and worked in the MUSC physical therapy outpatient clinic. She comes to the College with a strong clinical background.

Dr. McGowan received a Doctor of Physical Therapy degree from the University of Maryland and a Master of Science in Physical Therapy degree from the University of South Florida.
FACULTY ACCOMPLISHMENTS

Dr. Debora Brown was appointed Distinguished Fellow of the Academy of Physical Therapy, National Academies of Practice.

Dr. Aaron Embry was appointed President of the South Carolina Chapter of the American Physical Therapy Association.

Dr. Holly Wise was appointed Distinguished Fellows of the Academy of Physical Therapy, National Academies of Practice, a member of the Incubator Team to the National Center for Interprofessional Practice, and is a representative of the American Council of Academic Physical Therapy (ACAPT) in interprofessional education and practice initiatives.

STUDENT ACCOMPLISHMENTS

MUSC DPT students attended the APTA Annual NEXT Conference in Nashville, TN, June 2016.

R-L: Charles Banov’s daughter, Lori presented Stephen Pulley the Banov Award

Mr. Stephen Pulley received the 2016 Banov Humanitarian Award. This award is in honor of Charles H. Banov, MD, who retired from MUSC in 2008, leaving a legacy of community service and advocacy work for people with special needs.

Mr. Ryan Maddrey was elected to the two-year term as the American Physical Therapy Association Student Assembly Nominating Committee Chair-Elect and was appointed to the Student Conclave of the American Physical Therapy Association Board of Directors.
Division of Physician Assistant Studies

The Division of Physician Assistant Studies (PAS) offers the Master of Science degree in Physician Assistant Studies. The program is accredited by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) and will be reevaluated in 2020. Each year, approximately 60 students graduate from the program and provide quality, cost-effective health care to the people of South Carolina, the nation, and the world.

New Faculty

Mr. Christopher Chillura, MSPAS, PA-C, was recruited as an instructor on the PAS faculty and is currently the course coordinator for Fundamentals in Clinical Medicine course series as well as instructor for Emergency Medicine.

Medical Director

Edward O’Bryan III, MD, Assistant Professor in the MUSC College of Medicine, has taken on the role of PAS program Medical Director. Over the past year, he has been very busy working with both didactic and clinical aspects of the curriculum to enhance student learning and improve student access to outstanding preceptors and the clinical education they provide.

Student Accomplishments

PAS students supported the Ronald McDonald House of Charleston by providing meals to the residents:

- Lauren Clewley
- Kate Berwald
- Melissa James
- Lauren Huddleston
- Christina Curtner
- Michelle Young
- Kaitlyn Muldoon
- Heather Pastva

Students supported the Charleston Ronald McDonald house by preparing meals for residents and providing organizational support for the Ronald McDonald House Taste of Charleston fund-raising event. Students provided seniors with blood pressure, height, and weight evaluations as well as education to address these health issues. In recognition of their many contributions in support of the health of the Charleston community, the PAS graduating class of 2017 was recognized with the Community Volunteer Award for Student Organizations by MUSC Gives Back.

PAS students organized the 6th annual university-wide Mr. MUSC pageant. Five contestants from colleges across the University competed in this event, which raised over $5,000 for the St. Andrews Free Medical Clinic in Mount Pleasant, SC. It is a free clinic that serves the uninsured and those who consider medical care a financial burden.
Free Medical Clinic

In January 2016, PAS students began working with the medical clinic supported by St. Andrews Church in Mount Pleasant, SC. This clinic provides free medical care for those that have no health insurance or for whom medical care is a financial burden. The clinic has been in operation for over 30 years and does not discriminate. In addition to PAS and nurse practitioner students, the clinic is staffed by volunteer doctors, physician assistants, nurse practitioners, and registered nurses. Each Tuesday evening, 6-10 patients receive quality health care at the clinic, which provides care to approximately 500 patients annually.
Celebrating the Past. Changing the Future.

In 2016, the College of Health Professions celebrates its 50th Anniversary. To commemorate this milestone, the College hosted a year-long series of parties, receptions, campus tours, open houses, lecture series, and more! Thanks to our MUSC family and friends who have participated in these events as we Celebrate the Past and Change the Future. Included are highlights of our history and pictures from some of our celebratory events.
“DANCING THROUGH THE DECADES”
COMMUNITY GALA - FOUNDERS HALL, CHARLES TOWNE LANDING
SATURDAY, MARCH 19

CONTINUING EDUCATION PRESENTATION
THE FUTURE OF HEALTHCARE DELIVERY: ARE WE READY?
FRIDAY, JUNE 17

Celebrating the Past.
Changing the Future.

FAMILY FUN DAY
AT MIXSON BATH AND RACQUET CLUB
SATURDAY, JUNE 18

ALUMNI GALA
AT THE SC AQUARIUM
SATURDAY, JUNE 18
Key Accomplishments:

- **Dr. Lisa Saladin, Dean** (2010-present) leads the College in the development of a new Vision: To Improve the Health of Populations by Developing and Inspiring Health Scientists and Leaders
- Ranked third in National Institutes of Health funding for colleges of health professions in 2014
- Research revenue grows to $12.1 million in 4 years
- Established first endowed chair - Christie Family Endowed Chair in Stroke Rehabilitation Research
- Student-run CARES Therapy Clinic expands to serve hundreds of uninsured and under-insured patients and adopts an electronic medical record system
- Master of Science in Health Informatics enrolls its first class in 2015
- Nurse Anesthesia program approved to transition to doctoral degree and Cardiovascular Perfusion program approved to transition to masters degree
The Department of Healthcare Leadership and Management (DHLM) provides a broad approach to education at an executive level and prepares healthcare leaders for the future. The Department houses three academic divisions – Master in Health Administration (MHA), Master of Science in Health Informatics (MSHI), and Doctor of Health Administration (DHA).

Alumni Leadership and Educational Conferences
Healthcare Leadership Conference

The Healthcare Leadership Conference, held October 22 – 23, 2015, attracted over 190 attendees from a wide variety of industry backgrounds, about a 25% increase over prior years. This was the first time the conference extended over two days. The event was held at the Charleston Marriott Hotel and was attended by executive administrators, clinical directors, consultants, information systems professionals, and MUSC faculty, alumni and students.

Dr. Janet Lapp, the keynote speaker, delivered a phenomenal presentation, entitled “Change Ready People,” that addressed change in the healthcare environment. She imparted three skills that will help people get through traumatic change: optimism, emotional flexibility and courage. A variety of industry leaders from different healthcare backgrounds served as panel speakers which promoted diversity of knowledge and topics discussed. Attendees gleaned information and acquired continuing education credits from the American College of Healthcare Executives and Continued Medical Education.

A special thanks to all speakers, sponsors, and attendees for helping to make the conference a true success! Our deepest gratitude is extended to the Alumni Planning Committee and a special note of gratitude to Dr. Robert Curtis, MUSC’s first DHA graduate and his wife Marilyn, for their generous sponsorship of the keynote address.

4th Annual Leadership Lecture Series

The Department of Healthcare Leadership and Management held its 4th annual Leadership Lecture Series Friday, June 17, 2016, at The Belmond Charleston Place, The Riviera. This event is held to acknowledge our alumni and friends of the department, including executives and administration from surrounding hospitals.

Jim Flower, an internationally renowned speaker, presented the keynote address on current events and trends in the healthcare industry as well as areas that need improvement and change. The event received great reviews from attendees. Scott Brady, Chief Quality Officer from MUSC performance Improvement Department wrote, “This was my first lecture I attended for your program and I was extremely impressed. The location, speaker, food, ambience and attendees were all phenomenal…plan on coming to more of your lecture series events in the future. I can tell the team spent adequate time on planning and executed very well. Great job. I will recommend to my colleagues to attend your events.” This event was made possible by major support from HCA South Atlantic Division, MUHA, and the MUSC Alumni Association.
The Division of Doctor of Health Administration (DHA) has three tracks of study: Executive, Information Systems and Interprofessional Studies. Each track is designed to allow ambitious health care professionals the chance to turn their clinical or administrative experiences into opportunities to teach, shape public policy and/or lead complex organizations.

- The Executive track is designed to meet the intellectual and career development needs of health care and health policy executives who are actively engaged as leaders.

- The Information Systems track focuses on the development of leadership competency for practicing information technology professionals.

- The Interprofessional Studies track focuses on the development of practicing clinicians into interprofessional leaders in the areas of health policy, strategic management, and health care quality.

Students
Fifteen new students were admitted to the DHA-Executive program. Eleven new students were admitted to the DHA-Interprofessional Studies program. Five new students were admitted to the DHA-Information Systems program. In May 2016, twenty DHA students graduated at MUSC’s commencement ceremony.
Division of Master in Health Administration

The Master in Health Administration (MHA) Division offers a Master in Health Administration degree program in two formats: Residential (face-to-face format with weekly classes; minimal healthcare experience required) and Executive (primarily online with four days of live campus classes per semester; work experience in healthcare required). The program prepares graduates to assume leadership roles in helping shape the direction of health care organizations.

The MHA program moved up significantly in the U.S. News and World Report rankings from 29 to 17. In the Residential MHA program, two new Executive Skills courses were developed in order to maximize student success in the field. The MHA Advisory Council met in May 2016 to offer feedback on the programs. The Residential MHA program placed 40 students in full-time summer internships with a ten week or longer duration. Residential MHA students are required to complete a six-credit hour internship between their first and second year in the program to fulfill program requirements and obtain a broad understanding of the healthcare system and factors impacting its various components.

Student Accomplishments
CASE Competitions

MHA students competed in the 2016 10th Annual Health Administration Case Competition at the University of Alabama-Birmingham (UAB). The competition provides graduate students from accredited programs an opportunity to apply what they have learned to practice with a case study. The first all-female MUSC team competed against thirty-six other teams and advanced to the semi-final round.

MHA students also competed in the 2015 National Association of Health Services Executives (NAHSE) case competition and attended the NAHSE conference. The competition and conference provides graduate students an opportunity for networking, professional development, and application of what they have learned using a case study.

MHA students competed in the 2016 Ohio State University Case Competition at Ohio State University. The competition provides first year graduate students from accredited programs an opportunity to apply what they have learned into practice with a case study. The MUSC team advanced to the final round.
Student Scholarships

Mr. and Mrs. W. Stuart Smith established the W. Stuart and Barbara Smith Endowed Scholarship Fund. This fund serves as a recruitment tool for incoming, residential MHA students to the DHLM and will strengthen the Department’s ability to compete with other programs in the region/country. The recipient will exhibit promising characteristics for becoming a successful healthcare administrator. The recipient will also possess previous leadership experiences through community service and college activities. The initial award of $2,500 was given in 2015 to Kirstie Hewson.

Mr. and Mrs. Jamie Thomas established the Jamie and Emily Thomas Scholarship Fund for incoming MHA Students. Applicants to possess previous leadership experience through community service and/or undergraduate activities, as well as financial need. This fund serves as a recruitment tool for incoming underrepresented minority MHA students to the DHLM, and will strengthen the Department’s ability to compete with other programs in the region/country. The initial award of $6,000 will be given in 2016 to an incoming MHA student.

Division of Master of Science in Health Informatics

The Master of Science in Health Informatics (MSHI) program is designed to prepare individuals for leadership roles to plan, implement and evaluate health information systems projects (including health information exchange) and to assume pivotal roles as leaders in data analytics activities. With health care and payment reform initiatives well underway, hospital and other health care executives need individuals who can effectively lead health data analytics projects and other health information system projects and optimize workflow and care processes. Individuals with strong data analytical skills who are able to manage population health data effectively are also needed. The MSHI program uses a blended format mode of delivery including distance education technology and on-campus sessions.

Significant Accomplishments

The inaugural MSHI cohort commenced fall 2015 with over 30 students, which is double the projected number for enrollment. Students are doing well in the program and are on track to graduate December 2016.

The MSHI program has been admitted to the American Medical Informatics Association (AMIA) Academic Forum. MUSC’s program is the only Health Informatics program in the state of South Carolina to currently hold this distinction.
Possessing a Heart of Gold
Alumni Association Names Distinguished Alumnus

The MUSC College of Health Professions Alumni Association Board of Directors is proud to announce our 2016 Distinguished Alumnus Award Recipient, Mr. Kevin Briggs.

The Distinguished Alumnus Award is given annually to one or more graduates of the MUSC College of Health Professions in recognition of outstanding professional achievement, service to the individual’s profession, the community, the College, and/or the University, excellence in leadership, professional growth, and educational advancement or service. Dean Lisa Saladin conferred this most esteemed honor at the Distinguished Alumnus Awards Ceremony May 13, 2016.

Mr. Briggs received his Master of Science in Clinical Laboratory Science (Cytotechnology) in 2000. His accomplishments and outstanding qualities are numerous and his heart is full of love for others as he steadfastly serves his community and those less fortunate. Although his academic program is now discontinued and no longer offered within the College, he was not deterred from remaining engaged all these years, and most recently served an additional term on the CHP Alumni Association Board of Directors. As a member of the American Academy of Healthcare Executives, Mr. Briggs is a recognized operations expert in the field of laboratory science. He continues advancing through promotions with his employer, the New Hanover Regional Medical Center in Wilmington, NC. His compassionate leadership, exhibited in his professional life, carries over into his personal life as well. Mr. Briggs is loyal to the needs of his community through local, regional and national non-profit organizations.

Congratulations to Mr. Kevin Briggs who entered the hall of fame with fellow Distinguished Alumnus Award Recipients!
Physician Assistant Establishes Scholarship to Help Other Military Personnel

By Allyson Crowell, Office of Development and Alumni Affairs

When Col. Mike La Belle decided to go to physician assistant school, he brought years of experience working as an operating room and emergency room technician in the Air Force but only nine hours of college credit.

The Florida native received free tuition through the G.I. Bill and took a chance on the Medical University of South Carolina for a simple reason: MUSC was willing to take a chance on him. “With nine hours of college credit, it was tough,” he said recently. “There were times when I wanted to give up.”

But Col. La Belle received his Certificate of Physician Assistant (PA) Studies in 1978, an achievement that launched him on a second career that would define him. He recently established The Colonel (Retired) Michael G. La Belle Scholarship Fund to help current and former U.S. military service members.

“This is my way of giving back,” he said. “I had a great career as a PA and Army Medical Officer, and I want to help others do the same.”

Each year the scholarship will benefit one student who can best explain how s/he will advance the profession. For La Belle, the answer came with compassionate end-of-life care.

His father died from pancreatic cancer when La Belle was 10 years old, but La Belle describes his own career in oncology as “kind of an accident.” He wanted to work for the Department of Veterans Affairs and help aging war heroes but wound up filling an opening in hematology and oncology.

“This is my way of giving back,” he said. “I had a great career as a PA and Army Medical Officer, and I want to help others do the same.”

In 1998, he became the first physician assistant to receive the People Living Through Cancer Award, which recognizes individuals and businesses who show respect and understanding in supporting cancer patients. He spent 11 years in the VA working in medical oncology between active tours of duty with the Army National Guard and retired as a surgical oncology PA at the University of New Mexico Comprehensive Cancer Center in Albuquerque.

Col. La Belle made Albuquerque his home but worked missions around the world. He helped to train military medical teams in Honduras and Costa Rica, and he spent six months deployed to Iraq to assist with routine medical care for troops. In 2012, he retired from the Army National Guard, after serving for 40 years in various positions of increasing responsibility, including deputy state surgeon and his final position as state surgeon/commander of the New Mexico Army National Guard Medical Command.

This summer, MUSC’s College of Health Professions named Billy Poole the first recipient of Col. La Belle’s scholarship. A second-year physician assistant student, Poole enlisted in the U.S. Navy in August of 2001 and after the terrorist attacks one month later, he signed a five-year contract to serve as a hospital corpsman.

After serving at a naval hospital in Illinois, he became a combat medic for the U.S. Marine Corps.

He served in Afghanistan’s Korengal Valley, the perilous mountain region near the Pakistani border chronicled in the 2010 documentary “Restrepo.” He joined his battalion on patrols and in the event that they took fire, he cared for them in the field.

Poole planned for his career in health care long before his time in the Middle East, even before September 11. When his older brother died in a car accident in 2000, he realized that he not only wanted to understand medical terminology himself but to help make it easier for other anxious families in waiting rooms.

“I’m just honored that previous military personnel provide scholarships like this,” Poole said. “I may, in the future, do something like that for the MUSC PAS program as well.”
With our deepest gratitude, the College of Health Professions proudly recognizes individual donors and its corporate and foundation partners whose contributions from July 1, 2015 through June 30, 2016 helped change what's possible.

The Medical University of South Carolina's Society of 1824 recognizes leadership gifts of $1,000 or more annually.
The College also expresses heartfelt appreciation to our loyal Legacy Society members whose philanthropic commitment will impact generations to come. Thank you to all for their extraordinary support and investment.

### Honor Roll of Donors

#### Society of 1824 Millennium Society

$1,000,000 +

Mr. Roderick F. Worley

#### Society of 1824 Centurion Society

$100,000 - $499,999

The Christie Family

#### Society of 1824 Founder’s Circle

$50,000 - $99,999

American Heart Association
Mr. and Mrs. David L. Brady
Mr. Robert V. Chisholm III
Mr. Rodny A. Chisholm
Ms. Barbara S. Christie
Col. (Ret) Michael G. La Belle
Mrs. Cami L. Meyer

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$25,000 - $49,999

Ms. Bettye S. Gum
Mr. and Mrs. Ganga Rao

#### Society of 1824 Executive Circle

$10,000 - $24,999

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Hospital Corporation of America
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Mr. and Mrs. W. Stuart Smith
Dr. Mark S. Sothmann and Mrs. Kathleen A. Lally

#### Society of 1824 Benefactor

$5,000 - $9,999

The Benevity Community Impact Fund
The Arnold P. Gold Foundation
Google Gift Matching Program
Mr. and Mrs. Donald W. Mabe
Dr. and Mrs. Brian R. Poplin
Dr. Marilyn M. Swygert, Charleston Physical Therapy, PA
Mr. and Mrs. Jamie R. Thomas

#### Society of 1824 Patron

$2,500 - $4,999

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Dr. Thomas R. Bolt and Dr. Patricia C. Coker-Bolt
Mr. Chris Brumfield
Mrs. Tanya T. Church-Craig
Dr. and Mrs. David C. Morrisette
Dr. Alexandros A. Pappas and Dr. Ann W. Maners
Mr. and Mrs. Michael Ricciardone
Dr. Michael E. Saladin and Dr. Lisa K. Saladin
Dr. James S Zoller

#### Society of 1824 Member

$1,000-$2,499

Anonymous
Beaufort Memorial Hospital
Mr. Rodney P. Brotherhood and Dr. Sandra S. Brotherhood
Charleston High School Alumni Association
Mr. and Mrs. Darryl B. Gardner
Mrs. Wanda Currin Hancock
Dr. and Mrs. Thomas E. Hearon III
Dr. and Mrs. Steven A. Kautz
Dr. Anne Osborne Kilpatrick
Mr. and Mrs. Richard J. Kinney
Dr. and Mrs. James S. Krause
Society of 1824 Member (continued)
$1,000-$2,499

Dr. Carol J. Lancaster
Dr. David R. Larach and Dr. Marilyn Larach
Dr. Bonnie B. Martin-Harris
Dr. Steve Mauldin and Dr. Mary P. Mauldin
Mr. and Mrs. William J. Mehard, Jr.
Dr. George Mikitarian, Jr.
Doctor of Physical Therapy Class of 2016
Mr. and Mrs. Capers H. Poulnot
Mrs. Esther M. Prince
Mr. and Mrs. Matthew Seif and Dr. Gretchen A. Seif
Storey Foundation, Inc.
Mr. John C. Sudkamp, Knauer-Sudkamp LTD Partnership
Dr. and Mrs. Kenneth J. Thomas
Mr. Bruce M. Wagner and Dr. Karen Ann J. Wagner
Dr. Andrea W. White

Sustainer (continued)
$500-$999

Dr. and Mrs. Michael O. Ugwueke
Dr. Craig Velozo and Ms. Kathleen Gunning
Wells Fargo
Wells Fargo Community Support Campaign
Wells Fargo Matching Gifts Program
Mr. Wallace West and Dr. Valerie T. R. West

The Legacy Society at the College of Health Professions

The College of Health Professions Legacy Society honors and recognizes those individuals and families who have made a planned gift commitment to the College.

Anonymous
Ms. Helen B. Baker*
Mr. and Mrs. David L. Brady
Mrs. Mary G. Carpenter
Mr. Robert V. Chisholm III
Mr. Rodny A. Chisholm
Mrs. Karen L. DeMarco
Mr. George G. DeVane*
Dr. Cynthia B. Dodds and Mr. Elliott Dodds
Ms. Bettye S. Gum
Mr. and Mrs. William M. Hagood III
Dr. Anne Osborne Kilpatrick
Col. (Ret) Michael G. La Belle
Mrs. Diane K. Mathews
Mrs. Cami L. Meyer
Dr. Maralynne D. Mitcham*
Steven J. Mund, CRNA, DNP and Angela R. Mund, CRNA, DNP
Mr. Barry T. Munday
Dr. and Mrs. Vincent T. Peng
Dr. and Mrs. Brian R. Poplin
Mr. and Mrs. Capers H. Poulnot
Mr. Ganga S. Rao and Mrs. Vijay L. Rao
Dr. Michael E. Saladin and Dr. Lisa K. Saladin
Dr. Gretchen A. Seif and Mr. Matthew Seif
Mr. Roderick F. Worley

*Deceased

If you prefer to have your name listed differently, please allow us the opportunity to do so by contacting Leslie Brady at bradyl@musc.edu or 843-792-8547. Thank you.
Staff:

46 Permanent + 27 Temporary = 73 total

Staff New Hires

- **Pam Armstrong**
  - Business Manager
  - Department of Health Sciences & Research and Center for Rehabilitation Research in Neurological Conditions
  - Finance and Administration Team

- **Tony Eisenhart**
  - Information Systems/Business Analyst III
  - Information and Educational Technology Team

- **Connie Harbert**
  - Administrative Coordinator I
  - Department of Health Sciences & Research and Center for Rehabilitation Research in Neurological Conditions
  - Finance and Administration Team

- **Anne Herford**
  - Multimedia Communications Manager
  - Development Team

- **Marianne Hertzfeld**
  - Executive Assistant to the Dean
  - Executive Support Team

- **Aroo Isadas**
  - Administrative Assistant
  - Division of Healthcare Studies & Division of Anesthesia for Nurses
  - Department of Health Professions
  - Administrative Support Team

- **Meghan Kirwan**
  - Administrative Coordinator I
  - Department of Healthcare Leadership & Management
  - Administrative Support Team

- **Kathleen Mindick**
  - Fiscal Technician II
  - Department of Health Professions
  - Finance and Administration Team

- **Justin Muir**
  - Information Systems/Business Analyst III
  - Information and Educational Technology Team

- **Natalie Plaehn**
  - Program Assistant
  - Clinical Education Team

- **Laura Reid**
  - Administrative Coordinator I
  - Department of Health Professions
  - Administrative Support Team

- **Mara Steedley**
  - Administrative Assistant
  - Department of Health Sciences & Research, Center for Rehabilitation Research in Neurological Conditions and PhD in Health and Rehabilitation Science Division
  - Administrative Support Team
Faculty:

62 Regular + 163 Adjunct = 225 Total

Faculty New Hires

Christopher R. Chillura, PA-C, MSPAS
Instructor
Division of Physician Assistant Studies

Stephanie K. McGowan, PT, DScPT
Instructor
Division of Physical Therapy

Eric D. Monsch, PT, DPT
Research Associate
Department Health Sciences and Research

Ashley Tennessee, DHA, MBA, MPH
Assistant Professor
Division of Healthcare Studies

# TENURED FACULTY

2016 REGULAR FACULTY RANKS

33% Professor
31% Associate Professor
19% Assistant Professor
11% Instructor
6% Research Associate
Fiscal year 2015-16 began the University’s fourth year of the transition to the Responsibility Centered Management (RCM) funding model. College revenues increased to over $37.9M in fiscal year 2016 with expenses of $34.6M. Our expenses included $6.8M in University allocations to pay for central support as well as $4.5M in contributions to the University Strategic Fund.

The College was able to realize a $3.3M margin in 2016. Two primary factors contributed to this positive margin. First, our investment in research produced outstanding outcomes again this year. We realized $2.1 million dollars in unexpected research related to revenues that contributed to this positive margin. Second, we began our new Master of Science in Health Informatics program in Fall 2015. The incoming class size nearly doubled from what was originally budgeted. All of these changes resulted in over $190K of unanticipated student tuition.

This upcoming year we look forward to starting our first cohort of students in our new Bachelor of Science in Healthcare Studies. Our Master of Science in Cardiovascular Perfusion and Master of Science in Nurse Anesthesia programs are also transitioning from previous undergraduate status. Our College has experienced growth in multiple areas through research, educational programs and student numbers. Financial stability will provide the College opportunities to continue to pursue and develop proposals for new initiatives and educational programs in the near future.
## College of Health Professions

**Statement of Personnel & Operations (P&O)**

Year To Date (YTD) as of June 30, 2016

Combined MUSC & UMA FY16 Budget

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<th>ORIGINAL</th>
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</table>
STUDENT ACHIEVEMENT HIGHLIGHTS

CHP students continue to make significant contributions to the Charleston community through participation in various fundraisers and over 7,390 volunteer service hours. More than 25 community organizations have benefited from the various fundraising events this fiscal year:

- Achieving Wheelchair Equity
- American Heart Association
- American Red Cross
- Camp Hand to Hands
- CARES Medical Clinic (Community Aid Relief Education Support)
- CARES Therapy Clinic
- Carolina Youth Development Center
- Charleston Miracle League
- Crisis Ministries
- Dream Center Clinic
- Habitat for Humanity
- Hollings Cancer Center
- March of Dimes
- Meeting Street Academy
- Memminger Elementary School
- MUSC Children’s Hospital
- MUSC’s Make a Difference Day
- Palmetto Medical Initiative
- Pattison’s Academy
- Ronald McDonald House
- Salvation Army
- Special Olympics
- St. Andrews Medical Clinic
- STEM Festival
- Trident United Way

DPT students and Achieving Wheelchair Equality (AWE), a local nonprofit organization, hosted a wheelchair basketball tournament and accessibility fair to help raise money for AWE.

Child worked on gross motor skills during 15th annual Camp Hand to Hands program for children with hemiparesis.

Community Service
Student Charts a Striking Path in her Return to Medicine

Excerpt from MUSC Catalyst: by Cindy Abole

A&M University. After visiting her in 2002, May approached the school district administrator where her mother was working and presented her case with the help of a bilingual interpreter. Four weeks later, Reddersen was working in a classroom and studying part-time to earn her teaching certificate. “Although I loved teaching children and working in the classroom, I knew in my heart that teaching was not my ultimate calling. I yearned to get back to medicine,” she said.

May married her husband in 2004, and in 2005, she was diagnosed with tuberculosis, most likely contracted while working years before in the jungle. Her experience as a TB patient helped fuel her interest to return to medicine. In 2007, she worked for more than three years at Texas Children’s Hospital in Houston as one of a dozen Spanish–English medical interpreters and translators assigned to patients and practitioners.

In late 2010, the Reddersens relocated to Charleston when her husband was offered his dream job working for Boeing South Carolina. He suggested she consider returning to school and apply to MUSC. Within two years, Reddersen became a student member of various campus and professional organizations and was elected PAS Class of 2016 President. She was inducted in April to the MUSC Student Leadership Society and is a recipient of numerous scholarships.

An ancient Eastern proverb states: “The journey is the reward.”

This could not be any more fitting than to describe the quest of Mayith “May” Reddersen, a physician assistant student graduating August, 2016 from the College of Health Professions. Dedicated, tenacious, family–minded, driven, prudent, loyal, compassionate, dependable, and eager: all words colleagues and friends use to describe her.

Originally from Bogotá, Colombia, Reddersen’s journey to MUSC was inspired by different sources in her life, especially her own mother and great aunt. At age 16, she applied and was selected to study medicine at the National University of Colombia in Bogotá. “Taking care of people was a privilege for me. It was then that I understood that medicine is what I was meant to do,” she said. After graduating from medical school in 2001, she provided medical care to communities in remote jungle areas outside of Bogotá.

Reddersen’s mother was invited to study abroad and earn a Master of Human Science degree in Marriage–Family Counseling at Texas A&M University. After visiting her in 2002, May approached the school district administrator where her mother was working and presented her case with the help of a bilingual interpreter. Four weeks later, Reddersen was working in a classroom and studying part–time to earn her teaching certificate. “Although I loved teaching children and working in the classroom, I knew in my heart that teaching was not my ultimate calling. I yearned to get back to medicine,” she said.

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“Although I loved teaching children and working in the classroom, I knew in my heart that teaching was not my ultimate calling. I yearned to get back to medicine.”

May recalled feeling overjoyed and emotional to be in a lab and how privileged she was to be working with her first patient at MUSC, a cadaver. It had been many years since she practiced medicine, and at that moment, May recognized that this was the start of her journey in doing something she was destined to do.
National Honors

Alpha Eta

Among the graduating classes of 2015-2016, 65 students were inducted into the National Alpha Eta Honor Society in recognition of their academic achievements. Alpha Eta is a prestigious national scholastic honor society that is exclusively devoted to the allied health professions. Recipients are dedicated to the promotion and recognition of scholarship, leadership and health services.

University Honors

Presidential Scholars 2015-2016

The MUSC Presidential Scholars Program is a premiere interprofessional program for students. It was founded by Dr. Raymond Greenberg, former MUSC president, as a mechanism to enrich the academic culture of the University and to promote greater interprofessional understanding among health professional students. Presidential Scholars from CHP included:

Ms. Michelle Ascanio-MHA  
Mr. Louis Castellano-AFN  
Ms. Kirby Cranford-PAS  
Ms. Harmony Hudson-OT  
Ms. Sonia Kohli-MHA  
Ms. Kristin LeMatty-MHA  
Ms. Kyndall McKemie-MSHI  
Ms. Courtney O’Neill-PhD  
Ms. Anne Payne-MHA  
Ms. Dana Richards-DPT  
Mr. Parker Rhoden-MHA  
Ms. Elizabeth Titchener-MSHI  
Ms. Anderson Wiksell-MHA  

Graduate Incentive Scholarship

The MUSC Office of Student Diversity provides scholarship funds for under-represented minority students who commit to working in South Carolina following graduation. Applicants are required to submit an essay detailing how they plan to be a positive change agent in their chosen profession to benefit South Carolina. CHP recipients included:

Ms. Kellyn Colclough-OT  
Mr. Kenneth Felder-DPT  
Ms. Julianna Lee Paese-OT  

MUSC Gives Back Most Outstanding CHP Volunteer Award

The recipient of the MUSC Gives Back Most Outstanding CHP Volunteer Award is for most volunteer service hours. This year's recipient contributed more than 200 volunteer hours to organize and complete projects for the Covenant House in Georgia, HOSEA Feed the Homeless, American Cancer Society, among other organizations.  

Mr. William Fuller-MHA  

MUSC Women’s Club Scholarship

The MUSC Women’s Club invites students from all six MUSC colleges to apply for its annual scholarship. Awards are generated through the proceeds of the Club’s various fundraisers. CHP recipients were:

Ms. Sarah Lieser-PAS  
Ms. Shae Odom-DPT  

Provost Award

The MUSC administration established the Provost Scholarship Award to recognize two students from each college for their excellence in academic achievement, leadership skills, and dedication to community service. Two $3,000 scholarships are awarded each year. CHP’s recipients were Mr. Eric Kern-AFN and Ms. Katherine Huey-DPT.
Interprofessional Education Fellowship

The purpose of the MUSC Interprofessional (IP) Education Fellowship is to foster a new generation of graduates who are capable of demonstrating IP competencies that extend beyond those developed within their individual academic programs. In addition to a required IP course that all MUSC students complete, IPE fellows are required to shadow other professions, write reflective papers, and complete IP electives and IP practicum experiences. Fellowship completion is recognized on the recipient’s MUSC transcript and with a lapel pin to be worn at graduation. Completion of the Fellowship demonstrates to employers and residency directors that these new graduates have acquired knowledge and skills to be an effective leader in IP collaboration.

### CHP Interprofessional Education Fellows 2015-2016

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<td>Dana French</td>
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<td></td>
<td>Megan Jones</td>
<td>Stephanie Stafford</td>
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</table>

*Interprofessional Education Fellows and Faculty at the MUSC 2016 Recognition Ceremony – L-R, 1st row: Dana French, Meg Randall, Maureen Cron 2nd row: Dr. Holly Wise, Stephanie Stafford, Megan Jones 3rd row: Dr. Aaron Embry, and Dr. Debora Brown*
College of Health Professions Awards and Scholarships

Dean’s Award and Honor Graduates

The College of Health Professions is proud to follow history and tradition in awarding our graduates first honor, according to the highest cumulative grade point averages (GPA) earned.

Bachelor of Science in Cardiovascular Perfusion
Ms. Chelsey Elizabeth Waller

Master in Health Administration
Mr. Jamie Booth
Ms. Celena Gordon
Mr. Daniel Harris
Ms. Charlotte Westcob

Master of Science in Nurse Anesthesia
Ms. Dana Huber
Ms. Olivia Reeves

Master of Science in Occupational Therapy
Ms. Carleigh Brawley
Ms. Chelsea Wagor
Ms. Raegan Furman
Ms. Carrie Anson
Ms. Betty Coxe

Master of Science in Physician Assistant Studies
Ms. Lindsey Kaufmann
Ms. Maria Smith

Doctor of Health Administration
Ms. Tamala Bradham

Doctor of Philosophy in Health and Rehabilitation Science
Dr. Chih-Ying Li

Doctor of Physical Therapy
Ms. Margaret McKinney
College of Health Professions Scholarship Recipients
(Summer and Fall 2015, Spring 2016)

The generous support of our alumni, faculty, staff and friends help make it possible for our students to achieve their educational goals. Nearly $83,000 in scholarship funds was awarded to 40 outstanding students, a 27% increase in funds from last year.
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<th>Student</th>
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<td>Ms. Elizabeth Altman</td>
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<td>Catherine Michele Poulnot Scholarship</td>
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<td>Ms. Sara Atkinson</td>
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<td>Ms. Georgia Briggs</td>
<td>Physical Therapy</td>
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<td>Ms. Kaitlyn Burke</td>
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<td>Anne Pappas Scholarship</td>
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<tr>
<td>Ms. Kellyn Colclough</td>
<td>Occupational Therapy</td>
<td>Graduate Incentive Scholarship</td>
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<td>Mr. Luke Davidson</td>
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<td>Mr. Luke Davidson</td>
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<td>Mr. Brandon Deer</td>
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<td>Ms. Hunter Faulk</td>
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<tr>
<td>Mr. Kenneth Felder</td>
<td>Physical Therapy</td>
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<td>Andrea Weatherby White, PhD, Leadership Fund</td>
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**Doctor of Health Administration**

**Dr. Andrea LaVelle Abercrombie** – *Physicians’ Perceptions of Cultural Competence in Health Care*. Chaired by James Zoller, PhD

**Dr. Howard Louis Beatty Jr.** – *Linking EMR to Virtual Care of Psychiatric Patients in the Acute Care Setting*. Chaired by Abby Kazley, PhD

**Dr. Tawnya Bosko** – *Designing Effective Physician Incentive: Assessing the Relationship between Patient Satisfaction and Clinical Quality in an Ambulatory Environment*. Chaired by James Zoller, PhD

**Dr. Tamala Selke Bradham** – *The Joint Commission Leadership Standard on the Four – Hour Access Recommendation and Quality Safety Outcomes in Patients with Syncope: An Intervention Study*. Chaired by Kit Simpson, DrPH

**Dr. Kim Y. Dawson** – *Effects of Switching from Brand Name to Generic Seizure Medication*. Chaired by Kit Simpson, DrPH

**Dr. Helen Elaine Dunn** – *What Types of mHealth Application Functionally Promote Sustained Use by Pediatric Patients?* Chaired by Dusti Annan–Coultas, EdD

**Dr. Daniel Edward Furlong** – *Implementing an Internal Process to Review Patients with Detected PSIs: Can it Improve Clinical Documentation and Thus Publicly Reported PSI Rates?* Chaired by James Zoller, PhD

**Dr. Steven Goriah** – *Advanced Electronic Health Records (EHR) and Their Impact on Medication Errors*. Chaired by Abby Kazley, PhD

**Dr. Andrew Joseph Patrick Hartung** – *Measuring Return–On–Investment (ROI) of a Worksite Wellness Program Using an Accountable Care Organization Software Program: What is the ROI at Twelve Months?* Chaired by Abby Kazley, PhD

**Dr. Adam William Higman** – *Survey Deficiency Data as a Quality Measure for Hospitals and ASCs in Florida*. Chaired by Jillian Harvey, PhD

**Dr. Shakthi Kumar** – *Hospital Acquired Infections in Patients Admitted To The ICU: Impact On Length Of Stay, Mortality And Cost*. Chaired by Annie Simpson, PhD

**Dr. Glenn Michael Levicki** – *What Does the Development of an Interprofessional Education (IPE) Program Encompass: Including Outcomes, When Implementing the Curriculum into a Small Technical College?* Chaired by Kit Simpson, DrPH

**Dr. Tiyi Nema Moori** – *A Necessary Intervention: Diagnosing the Culture of Hospital’s Laboratories to Improve Employee Retention*. Chaired by James Zoller, PhD
Dr. Angela Nash – Adverse Event Rates as a Marker of Quality in Thoracenteses: Is It Feasible for Use in A Radiologic Practice? Chaired by Kit Simpson, DrPH

Dr. Tokunbo Olukoya – Effects of Implementation Approaches on Outcomes of Quality Improvement Initiatives In Healthcare Settings. Chaired by Jillian Harvey, PhD

Dr. Stephen Joseph Roller – Financial Viability of Implementing Home–Based Primary Care Programs in Federally–Qualified Health Centers in the United States: An Empirical Assessment. Chaired by Walter Jones, PhD

Dr. James–Louis Niday Teixeira – Do Ten Year Trends in Emergency Department Diagnoses of Rhabdomyolysis in Young Adult Males Parallel the Growth in Long Distance Ultra Running? Chaired by Kit Simpson, DrPH

Dr. Ashley Monet Tennessee – The Monetary Cost of Sexual Assault to Privately Insured Women in 2013. Chaired by Kit Simpson, DrPH

Dr. Matthew Austin Van Patton – Ensuring Confidence and Integrity in Dietary Supplement Claims: A Content Analysis of FDA Warning Letters and a Policy Analysis of Existing Statute and Proposed Changes. Chaired by Anne Osborne Kilpatrick, DPA

Dr. Keli Patterson Walden – Patient Engagement: The Impact of Electronic Patient Portal Use on Missed Appointments in Patients with Diabetes, a Retrospective Study. Chaired by Karen Wager, DBA

Doctor of Philosophy in Health and Rehabilitation Science

Dr. Charalambos “Bobby” Costas Charalambous – The Associations between Motor Corticospinal Excitability and Neuromechanics of the Paretic Soleus and Tibialis Anterior in People Post–Stroke. Chaired by Mark Bowden, PhD, PT and Jesse Dean, PhD

Dr. Víctor Manuel Fresco – Fibulin–1 Is Required for FGF8 Dependent Cardiac Neural Crest Cell Survival and Guidance. Chaired by Kyo–Ho Lee, MD, PhD and Bonnie Martin–Harris, PhD

Dr. Melanie Sweat Jefferson – The Acute Phase Impact of Resection on Biological and Psychological Markers of Stress Among Early Stage Non–Small Cell Lung Cancer Patients. Chaired by Heather Bonilha, PhD

Dr. Chih–Ying “Cynthia” Li – Developing a Functional Measure Across the Continuum of Post–Acute Care. Chaired by Craig Velozo, PhD
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<td>$336,585</td>
<td>$1,040,000</td>
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<tr>
<td>Kautz, Steven</td>
<td>Veterans Administration</td>
<td>Federal</td>
<td>Rehabilitation Research &amp; Development, Research Career Scientist Award (Yr 1)</td>
<td>10/01/2015 - 09/30/2016</td>
<td>$114,000</td>
<td>$0</td>
<td>$114,000</td>
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<tr>
<td>Kautz, Steven</td>
<td>NIH/National Institute of General Medical Sciences</td>
<td>Federal</td>
<td>SC Research Center for Recovery from Stroke (COBRE; Yr 3)</td>
<td>04/01/2016 - 03/31/2017</td>
<td>$1,447,947</td>
<td>$716,734</td>
<td>$2,164,681</td>
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<tr>
<td>Kautz, Steven</td>
<td>University of Delaware/NIH/National Institute of General Medical Sciences</td>
<td>Federal Flow-down</td>
<td>Delaware-CTR (Subaward: Year 4)</td>
<td>06/01/2016 - 05/31/2017</td>
<td>$441,676</td>
<td>$209,796</td>
<td>$651,472</td>
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<tr>
<td>Krause, James</td>
<td>US Department of Health and Human Services (DHHS) under the Administration for Community Living (ACL)</td>
<td>Federal</td>
<td>Successful Employment and Quality Work Life After Severe Disability due to SCI (Research)</td>
<td>09/30/2015 - 09/29/2016</td>
<td>$351,535</td>
<td>$147,660</td>
<td>$499,195</td>
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<tr>
<td>Krause, James</td>
<td>US Department of Health and Human Services (DHHS) under the Administration for Community Living (ACL)</td>
<td>Federal</td>
<td>RRTC. Employment of Individuals with Physical Disabilities (Yr 4)</td>
<td>09/30/2015 - 09/29/2016</td>
<td>$281,860</td>
<td>$37,198</td>
<td>$319,058</td>
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<tr>
<td>Principal Investigator</td>
<td>Sponsor</td>
<td>Type</td>
<td>Title</td>
<td>Project Dates</td>
<td>Current Year Direct Costs</td>
<td>Current Year Indirect Costs</td>
<td>Total Current Year</td>
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<tr>
<td>Kumar, Deepak</td>
<td>Rheumatology Research Foundation</td>
<td>Foundation</td>
<td>Feasibility of Mind Your Walk Intervention for Knee OA</td>
<td>01/15/2016 - 01/14/2017</td>
<td>$75,000</td>
<td>$0</td>
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<tr>
<td>Mintzer, Jacobo</td>
<td>NIH/National Institute on Aging</td>
<td>Federal</td>
<td>Apathy in Alzheimer’s Disease Methylphenidate Trial II (ADMET II, Yr 3)</td>
<td>06/01/2016 - 05/31/2017</td>
<td>$1,405,880</td>
<td>$45,203</td>
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<tr>
<td>Morrissette, David</td>
<td>University of Pittsburgh/Patient-Centered Outcomes Research Institute</td>
<td>Federal Flow-down</td>
<td>Targeted Interventions to Prevent Chronic Low Back Pain in High Risk Patients: A Multi-site Pragmatic RCT (Subaward; Yr 1)</td>
<td>07/01/2015 - 06/30/2016</td>
<td>$221,951</td>
<td>$88,780</td>
<td>$310,731</td>
</tr>
<tr>
<td>Mund, Angela</td>
<td>Health Resource and Service Administration</td>
<td>Federal</td>
<td>Nurse Anesthetist Traineeship Program (3rd Yr for Mund; 13th Year for the NAT)</td>
<td>07/01/2015 - 06/30/2016</td>
<td>$41,211</td>
<td>$0</td>
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<tr>
<td>Saladin, Michael</td>
<td>NIH/National Institute on Drug Abuse</td>
<td>Federal</td>
<td>Enhancing Disrupted Reconsolidation: Impact on Cocaine Craving, Reactivity &amp; Use (R01, Yr 4)</td>
<td>06/01/2016 - 05/31/2017</td>
<td>$533,772</td>
<td>$150,889</td>
<td>$684,661</td>
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<tr>
<td>Segal, Richard</td>
<td>Emory University/NIH/National Institute of Allergy &amp; Infectious Diseases</td>
<td>Federal Flowdown</td>
<td>Spinal Circuits and the Musculoskeletal System (Core A) (Subaward; Yr 4)</td>
<td>04/01/2016 - 03/31/2017</td>
<td>$37,391</td>
<td>$8,609</td>
<td>$46,000</td>
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<tr>
<td>Segal, Richard</td>
<td>Northwestern Univ/NIH/National Institute of Child Health &amp; Human Development</td>
<td>Federal Flowdown</td>
<td>Engineering Career Development Center in Movement and Rehabilitation Sciences (Subaward; Yr 4)</td>
<td>06/01/2016 - 05/31/2017</td>
<td>$7,941</td>
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<td>$8,576</td>
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<td>Segal, Richard</td>
<td>NIH/National Institute of Child Health &amp; Human Development</td>
<td>Federal</td>
<td>Intensive Rehabilitation Research Grant Writing Workshops in the US (Year 5)</td>
<td>01/01/2016 - 12/31/2016</td>
<td>$115,626</td>
<td>$8,666</td>
<td>$124,292</td>
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<tr>
<td>Seo, Na Jin</td>
<td>Rehabilitation Institute of Chicago/NIH/National Institute of Child Health &amp; Human Development</td>
<td>Federal Flow-down</td>
<td>Altering Activation Patterns in the Distal Upper Extremity after Stroke (Subaward, Yr 2)</td>
<td>06/01/2015 - 05/31/2016</td>
<td>$39,222</td>
<td>$19,415</td>
<td>$58,637</td>
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<tr>
<td>Seo, Na Jin</td>
<td>Georgia State University/Patient-Centered Outcomes Research Institute</td>
<td>Federal-Flowdown</td>
<td>Partnership for Physical Rehabilitation Post-stroke (PCORI P2P Tier II)</td>
<td>05/01/2016 - 04/30/2017</td>
<td>$22,727</td>
<td>$2,273</td>
<td>$25,000</td>
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<tr>
<td>Seo, Na Jin</td>
<td>Boston University/NIH/National Institute of Child Health &amp; Human Development</td>
<td>Federal Flow-down</td>
<td>Development of a Low-Cost Computerized Clinical Assessment Tool for Movement Quality (Subaward)</td>
<td>06/01/2016 - 05/31/2017</td>
<td>$23,532</td>
<td>$1,882</td>
<td>$25,414</td>
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<tr>
<td>Simpson, Kit</td>
<td>Associate Provost for Research</td>
<td>Internal</td>
<td>Comparative Effectiveness &amp; Data Analytics Research Resource (CEDAR)</td>
<td>08/24/2015 - 08/23/2016</td>
<td>$50,000</td>
<td>$0</td>
<td>$50,000</td>
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<tr>
<td>Simpson, Kit</td>
<td>Takeda Pharmaceuticals International, Inc.</td>
<td>Corporate</td>
<td>Model of Schizophrenia Care</td>
<td>11/02/2015 - 11/01/2016</td>
<td>$85,858</td>
<td>$29,192</td>
<td>$115,050</td>
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<tr>
<td>Simpson, Kit</td>
<td>Neurosciences, Inc.</td>
<td>Corporate</td>
<td>Update to Economic Model of TMS</td>
<td>01/27/2016 - 02/28/2017</td>
<td>$50,000</td>
<td>$10,200</td>
<td>$60,200</td>
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<tr>
<td>Thompson, Aiko</td>
<td>Morton Cure Paralysis Fund</td>
<td>Foundation</td>
<td>Training of Corticospinal Motor Evoked Potential to Improve Gait after SCI (Continuation)</td>
<td>04/01/2016 - 03/31/2017</td>
<td>$40,000</td>
<td>$0</td>
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<tr>
<td>Thompson, Aiko</td>
<td>HRIR/NIBIB Health Research Inc/National Institute of Biomedical Imaging and Bioengineering</td>
<td>Federal Flow-down</td>
<td>Operant Conditioning of Spinal Reflexes in Young Subjects</td>
<td>06/25/2015 - 06/30/2016</td>
<td>$29,495</td>
<td>$14,600</td>
<td>$44,095</td>
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<tr>
<td>Velozo, Craig</td>
<td>Shepherd Center, Inc./Craig H. Nelson Foundation</td>
<td>Foundation</td>
<td>Improving Safety and Independence Following Spinal Cord Injury (Yr 1, Subaward)</td>
<td>04/30/2016 - 03/31/2017</td>
<td>$15,000</td>
<td>$1,500</td>
<td>$16,500</td>
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<tr>
<td>Woodbury, Michelle</td>
<td>University of Cincinnati/University of California-Irvine/NIH/National Institute of Neurological Disorders &amp; Stroke</td>
<td>Federal Flow-down</td>
<td>Telerehabilitation for Patients with Stroke (Yr 1)</td>
<td>04/01/2015 - 07/31/2015</td>
<td>$1,623</td>
<td>$841</td>
<td>$2,464</td>
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<tr>
<td>Woodbury, Michelle</td>
<td>University of Cincinnati/University of California-Irvine/NIH/National Institute of Neurological Disorders &amp; Stroke</td>
<td>Federal Flow-down</td>
<td>Telerehabilitation for Patients with Stroke (Yr 2)</td>
<td>08/01/2015 - 07/31/2016</td>
<td>$23,503</td>
<td>$11,634</td>
<td>$35,137</td>
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<tr>
<td>Woodbury, Michelle</td>
<td>Veteran's Administration</td>
<td>Federal</td>
<td>Patient-targeted Upper Extremity Rehabilitation after Stroke (Merit; Yr 4)</td>
<td>04/01/2016 - 03/31/2017</td>
<td>$275,400</td>
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**TOTAL** $8,228,093 $2,098,238 $10,326,331
<table>
<thead>
<tr>
<th>College/Department/PI</th>
<th>CHP Investigator(s)/% Effort</th>
<th>Sponsor</th>
<th>Type</th>
<th>Title</th>
<th>Dates of Participation</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Medicine/Pediatrics/Macias (PI)</td>
<td>Coker-Bolt, P. (9%)</td>
<td>DHHS/Health Resources and Services Administration</td>
<td>Federal</td>
<td>Leadership Education in Neurodevelopmental and Related Disabilities (LEND)</td>
<td>07/01/2015 - 06/30/2016</td>
</tr>
<tr>
<td>College of Medicine/Neurology/Revuelta (PI)</td>
<td>Embry, A. (5%)</td>
<td>Barmore Foundation</td>
<td>Foundation</td>
<td>A Pilot Study of the Use of Atomoxetine for the Treatment of Freezing of Gait in Parkinson’s Disease (SCTR K12)</td>
<td>07/01/2015 - 09/14/2015</td>
</tr>
<tr>
<td>College of Medicine/Neurology/Revuelta (PI)</td>
<td>Embry, A. (6.8%)</td>
<td>NIH/National Institute of Neurological Disorders &amp; Stroke</td>
<td>Federal</td>
<td>Identification of Gait and Imaging Markers for Freezing of Gait in Parkinson’s Disease</td>
<td>09/15/2015 - 06/30/2016</td>
</tr>
<tr>
<td>College of Medicine/SCTR/Brady (PI)</td>
<td>Harvey, J. (50%)</td>
<td>NIH/National Center for Research Resources</td>
<td>Federal</td>
<td>Clinical Translational Science Award (CTSA)</td>
<td>07/01/2015 - 06/30/2016</td>
</tr>
<tr>
<td>College of Medicine/Pediatrics/Andrews (PI)</td>
<td>Harvey, J. (5%)</td>
<td>Doris Duke Charitable Foundation</td>
<td>Foundation</td>
<td>Translating the Asthma Medication Ratio into a Point of Care Risk Assessment and Communication Tool: Supplemental Funding Application</td>
<td>04/01/2016 - 06/30/2016</td>
</tr>
<tr>
<td>College of Medicine/Transplant Surgery/Baliga (PI)</td>
<td>Kazley, A. (10%)</td>
<td>MUSC</td>
<td>Internal</td>
<td>A Program to Increase Living Donations in African Americans</td>
<td>07/01/2015 - 06/30/2016</td>
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<tr>
<td>College of Medicine/Pediatrics/Andrews (PI)</td>
<td>Li, C. (9%)</td>
<td>Doris Duke Charitable Foundation</td>
<td>Foundation</td>
<td>Translating the Asthma Medication Ratio into a Point of Care Risk Assessment and Communication Tool: Supplemental Funding Application</td>
<td>04/01/2016 - 06/30/2016</td>
</tr>
<tr>
<td>College of Dental Medicine/Martin (PI)</td>
<td>Menezes, P. (5%)</td>
<td>DHHS/Health Resources &amp; Services Administration</td>
<td>Federal</td>
<td>Rural Oral Health Advancements in Delivery Systems Through Interprofessional Training Program (ROADTRIP)</td>
<td>08/01/2015 - 06/30/2016</td>
</tr>
<tr>
<td>College of Medicine/Psychiatry/Brady (PI)</td>
<td>Saladin, M. (10%)</td>
<td>NIH/National Institute of Arthritis &amp; Musculoskeletal &amp; Skin Diseases</td>
<td>Federal</td>
<td>Specialized Center Research (SCOR) on Sex and Gender Factors Affecting Women’s Health (Year 11): Project 4: Gender, Sex Hormones and Smoking</td>
<td>07/01/2015 - 06/30/2016</td>
</tr>
<tr>
<td>College of Medicine/Psychiatry/Gray (PI)</td>
<td>Saladin, M. (10%)</td>
<td>NIH/National Institute on Drug Abuse</td>
<td>Federal</td>
<td>A Randomized, Controlled Trial of Varenicline for Adolescent Smoking Cessation</td>
<td>07/01/2015 - 06/30/2016</td>
</tr>
<tr>
<td>College of Medicine/Otolaryngology/Dubno (PI)</td>
<td>Simpson, A. (20%)</td>
<td>NIH/National Institute on Deafness &amp; Other Communication Disorders</td>
<td>Federal</td>
<td>Experimental and Clinical Studies of Presbyacusis</td>
<td>07/01/2015 - 06/30/2016</td>
</tr>
<tr>
<td>College of Medicine/Pulmonary &amp; Critical Care/Ford (PI)</td>
<td>Simpson, A. (20%)</td>
<td>Duke Endowment</td>
<td>Foundation</td>
<td>Critical Care Outreach TELE-ICU</td>
<td>07/01/2015 - 06/30/2016</td>
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<tr>
<td>College of Medicine/Pediatrics/Andrews (PI)</td>
<td>Simpson, A. (16.7%)</td>
<td>Doris Duke Charitable Foundation</td>
<td>Foundation</td>
<td>Translating the Asthma Medication Ratio into a Point of Care Risk Assessment and Communication Tool: Supplemental Funding Application</td>
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<td>College of Medicine/Pulmonary &amp; Critical Care/ Ford (PI)</td>
<td>Simpson, K. (10%)</td>
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<td>Foundation</td>
<td>Critical Care Outreach TELE-ICU</td>
<td>07/01/2015 - 06/30/2016</td>
</tr>
<tr>
<td>SC Area Health Education Consortium/Garr (PI)</td>
<td>Sword, D. (7.5%)</td>
<td>MUSC Center for Telehealth</td>
<td>State</td>
<td>Obesity Management and Prevention Using Telehealth to Connect Rural Primary Care Practices</td>
<td>07/01/2015 - 06/30/2016</td>
</tr>
<tr>
<td>College of Nursing/Magwood (PI)</td>
<td>Woodbury, M. (11.8%)</td>
<td>American Heart Association</td>
<td>Foundation</td>
<td>Community-based Intervention Under Nurse Guidance after Stroke (CINGS)</td>
<td>11/01/2015 - 06/30/2016</td>
</tr>
<tr>
<td>College of Medicine/Emergency Medicine/ Jauch (PI)</td>
<td>Woodbury, M. (9.6%)</td>
<td>University of California-Irvine/NIH/National Institute of Neurological Disorders &amp; Stroke</td>
<td>Federal</td>
<td>Telerehabilitation for Patients with Stroke</td>
<td>07/01/2015 - 06/30/2016</td>
</tr>
<tr>
<td>SC Area Health Education Consortium/Garr (PI)</td>
<td>Zoller, J. (5%)</td>
<td>DHHS/Health Resources and Services Administration</td>
<td>Federal</td>
<td>Model State Supported AHEC Program</td>
<td>07/01/2015 - 05/31/2016</td>
</tr>
</tbody>
</table>
The College offers congratulations to all of its faculty, staff, and students who were recognized for their outstanding accomplishments. Thanks to everyone who contributed content for the development of this report.

Further, we express appreciation to the team that effectively worked together to compile, edit, design, and produce the College’s annual report:

Leslie M. Brady, Director of Development and Alumni Affairs

Dr. Gilbert Boissonneault, Professor and Director Division of Physician Assistant Studies

Dr. Nancy Carson, Associate Professor and Associate Dean for Academic and Faculty Affairs

Anne Herford, Multimedia Communications Manager

Naomi Sampson, Instructor and Director of Executive Operations and Project Management

Lauren Smith, Assistant Director, Student Life and Recruitment
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And together, we can change what’s possible!

To speak with someone about a contribution or for more information, please contact:

Ms. Leslie M. Brady
Director of Development and Alumni Affairs
(843) 792-8547
bradyl@musc.edu

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