



CHANGING WHAT'S POSSIBLE

MUSC Center on Aging Annual Report FY 18-19

musc.edu/aging

280 Calhoun Street, MSC 140

Charleston, SC 29425





MUSC Center on Aging

Message from **Heather Boger, Ph.D.**

Interim Director | Associate Professor



Thank you for making FY 2018-2019 another remarkable year for the MUSC Center on Aging! This year marked another successful year of service, outreach, and research for the Center, as laid out in our annual report. This annual report is a true testament to the commitment and compassion of MUSC, the Executive Committee, and our community partners.

A few highlights from this year:

- Hosted our 3rd Annual Senior Expo for seniors, family members, and caregivers in North Charleston, SC. Over 500 participants enjoyed free clinical screenings, exercise demos, and learning about community resources available to our senior population.
- Sponsored and chaired the 3rd annual Meals on Wheels Holiday Harvest Gala, in which \$17,000 was raised to benefit over 200 seniors in need of warm and healthy meals.
- Continued our support of aging-related research by providing pilot funds for three research projects being conducted at MUSC.
- Provided the necessary expertise and resources for participation in community education events, such as the City of Charleston Lunch and Learn Series, and the Ending Elder Abuse in Later Life Project. Center on Aging participation in these events are vital to provide geriatric awareness and education to our community.

As you will see, the Center on Aging is flourishing and we look to continue to grow within the MUSC and greater Charleston communities for years to come to continue our mission of improving the health, longevity, and quality of life of our SC seniors.

AGING IS A STATE OF MIND

Overview

The Center on Aging (CoA) is a research, service, and education center at the Medical University of South Carolina. Dr. Heather Boger was appointed by the Provost as Interim Director in July 2016. Dr. Boger and her team are committed to executing the Center on Aging’s strategic plan to promote health, longevity and improving the quality of life for South Carolina’s seniors.

Strategic Goals

- To serve as the center for interdisciplinary aging research and education across all colleges within MUSC
- To optimize current and new technology and innovations for older adults in South Carolina
- To promote communication and interaction with local and state-wide organizations to improve healthcare access and research in the field of aging
- To cultivate public and private partnerships to expand collaborative and entrepreneurial efforts in aging services
- To connect the MUSC community of students, researchers, and practitioners

Staff

Kelly Franklin

Administrative Coordinator

Public Relations Chair, Lowcountry Senior Network

Aging interests at MUSC and beyond

CoA EDUCATION

- Organize interprofessional symposiums around age-related topics and concerns.
- Initiate interprofessional, collaborative opportunities across all MUSC colleges.
- Expand geriatric education.
- Support volunteer opportunities for MUSC students in the field of senior services.

CoA RESEARCH

- Strengthen the network of aging research and healthcare at MUSC.
- Establish interdisciplinary relationships with research teams at MUSC in conjunction with community partners.
- Develop a world-class aging center to generate innovative research.
- Create career development opportunities for young and mid-career faculty in areas of aging under the guidance of academic leaders.
- Collect community feedback to address need and explore various funding opportunities.

CoA SERVICE

- Host age-related symposiums for the local and state community.
- Conduct active, hands-on workshops to address the concerns of the community seniors.
- Serve as a trusted resource for information related to aging research, education, and healthcare.
- Expand education and outreach for community programs.
- Curate a list of expert speakers to educate the community.

CoA Executive Committee



Vanessa Hinson, MD, PhD
CoA Deputy Director

Professor
College of Medicine
Department of Neurology
Director of Movement Disorders



Annie Simpson, PhD
CoA Deputy Director

Associate Professor
College of Health Professions
Department of Healthcare
Leadership and Management



Federica del Monte, MD, PhD

Associate Professor
College of Medicine
Division of Cardiology



Addie Middleton, PhD, DPT

Assistant Professor
College of Health Professions
Division of Physical Therapy



Katie Deerin

Affiliations Coordinator
Senior Living and Non-acute Care



Mark Newbrough, MD

Associate Professor
College of Medicine
Division of Internal Medicine



Mary Catherine Dubois

Social Worker
Palliative Care Program



Amanda Overstreet, DO

Assistant Professor
College of Medicine
Division of Internal Medicine



Chris Gregory, PhD

Associate Professor
College of Health Professions
Department of Health Sciences and
Research



**Kathryn Van Ravenstein, APRN,
PhD, FNP-BC**

Assistant Professor
College of Nursing
Office of Academic Affairs



Center on Aging: **Education**

City of North Charleston Lunch and Learn Speaker Series

Ongoing

The CoA partnered with the City of North Charleston Mayor's Office to arrange MUSC speakers for their 2018-19 Lunch and Learn Series for the Senior Center at Dorchester Road and the Senior Center at Northwood.

August 8, 2018 - Advanced Care Planning

Mary Catherine Dubois

September 12, 2018 - Mild Cognitive Impairment

Dr. Anya Benitez

October 10, 2018 - Nutrition for Caregivers

Dr. Elaine Amella

November 14, 2018 - Yogic Breathing

Dr. Sundar Balasubramanian

December 12, 2018 - Dental Health

Dr. Joni Nelson

February 13, 2019 - Heart Disease

Dr. Katie Muscella

March 13, 2019 - Hearing and Aging

Lois Matthews

April 10, 2019 - MUSC Urban Farming

Carmen Ketron

May 8, 2019 - Human Brain Presentation

Dr. Heather Boger

June 12, 2019 - Senior Mentor Program

Dr. Heather Boger

Dorchester County Senior Lifestyle Fair

August 31, 2018

The Lieutenant Governor's Office on Aging joined Dorchester Seniors with speakers from different agencies to provide program topics such as fire safety, senior scams, etc. There were also tables from local exhibitors and lunch for Dorchester Senior members.

NY Times featured the MUSC Senior Mentor Program

October 12, 2018

The MUSC Senior Mentor Program was referenced in The New York Times article, "Every Older Patient Has a Story. Medical Students Need to Hear It" by Paula Span for its value in preparing young physicians to care for an aging population.

<https://tinyurl.com/y4d5bpbw>

MUSC Living with Parkinson's Disease Symposium

November 10, 2018

A symposium for patients and families living with Parkinson's Disease. Educational sessions will be led by members of the MUSC Health Movement Disorders Program team and invited guest speakers, including Dr. Vanessa Hinson.

Health Focus: Aging in Place Interview

November 20, 2018

Bobbi Conner interviewed Dr. Heather Boger about aging in place on the Health Focus - a production of the Medical University of South Carolina in partnership with South Carolina Public Radio.



Geriatric Fellowship Program

November 27, 2018

Under the leadership of Dr. Mark Newbrough, the new Geriatric Medicine Fellowship program is a foundational building block for the institution's plan to grow and develop a sustainable geriatrics workforce. This one-year fellowship program provides trainees with in-depth experiences that cover the full spectrum of patients, problems, and settings that geriatricians are likely to encounter across a variety of clinical settings. Upon successful completion of the program, fellows may take the American Board of Internal Medicine Geriatric Medicine Certification Exam.

Human Brain Presentation for Respite Care Charleston

December 12, 2018

Dr. Heather Boger spoke about brain health with Alzheimer's patients and their caregivers.

Human Brain Presentation for Daniel Point

January 12, 2019

Dr. Heather Boger spoke about brain health with residents of Daniel Point retirement community.

Franke at Seaside Health Fair

January 25, 2019

Kelly Franklin participated in the Franke at Seaside Health Fair with an information table.

Podcast Interview

January 25, 2019

Kelly Franklin was interviewed about the Center on Aging initiatives for the Medicare Savings LLC podcast.

Franke at Seaside Alzheimer's Panel of Experts

February 26, 2019

Dr. Heather Boger participated on the Franke at Seaside Alzheimer's Panel of Experts to answer audience questions from residents and caregivers on the latest in research related to Alzheimer's disease and dementia.

Senior Mentor Program Presentation at Somerby

May 31, 2019

Dr. Heather Boger introduced Somerby residents to the MUSC Senior Mentor Program and recruited new volunteers.

MUSC Stroke Caregivers Summit

June 8, 2019

Dr. Addie Middleton spoke to attendees at the MUSC Stroke Caregivers Summit and distributed information program information.

World Elder Abuse Awareness Day Resource Fair

June 13, 2019

The CoA planned and promoted Elder Abuse Awareness Panel in conjunction with the College of Nursing Elder Abuse Prevention and Treatment Program and World Elder Abuse Awareness Day.



Center on Aging: Research

2018 Center on Aging Pilot Grant Final Reports
Presented at the September 2019 Executive Committee Meeting

Respiratory muscle strength training in Presbyphonia

Heather Bonilha, PhD

Primary Aim 1: To acquire pilot data on the effects of RMST on respiratory and voice outcomes in patients with presbyphonia, to establish sample size calculation for a larger clinical trial. Aim 1a: To determine which outcomes are most sensitive to differences in pre- to post-treatment changes within and between the IMST, EMST, and VE groups. Aim 1b: To determine what effect sizes are to be expected within and between the IMST, EMST, and VE groups.

Primary Aim 2: To determine the impact of glottal gap size on the response to RMST. The main goal of this pilot study is to acquire data to strengthen our NIH resubmission by addressing two main critiques received in a prior submission. More specifically, the gathered data will be used to support the sample size justification and to justify the inclusion criteria with regards to baseline severity of the participants. The goals of the project have not changed since the beginning of the award period.

NFAM1 stimulation of osteoclast differentiation in Paget's disease of bone

Sakamuri Reddy, MD

The study revealed that inhibition of NFAM1 modulates cytokines that regulate osteoclast formation. NFAM1 knockdown also alters AP-1 signaling and TRAP expression during osteoclast differentiation. Furthermore, NFAM1 inhibition suppress RANKL and vitamin D3 hypersensitivity of preosteoclast cells.

Scientific Presentations

- Purushoth E, Yuvaraj S., Jessica HS, Reddy SV. "NFAM1 Stimulation of Osteoclast Differentiation in Paget's Disease", American Society of Bone & Mineral Research (ASBMR) 2019, (Sep 20 – 23, 2019) (Abstract - Poster)

Publication

- Purushoth Ethiraj, Anna Alford, Brandon Wright, Allie M. Ottinger, Jessica Hathaway-Schrader, Reddy SV. NFAM1 knockdown modulates osteoclast differentiation, (Manuscript under preparation)

Transcutaneous auricular Vagal Nerve Stimulation (taVNS) in mild to moderate Parkinson's Disease (PD)

Vanessa Hinson, MD, PhD

Parkinson's disease affects approximately 1 in 100 people over age 65. Unfortunately, existing treatment strategies for PD are purely symptomatic and incompletely address symptoms, often with intolerable side effects. Recent MUSC neuroscience laboratory pre-clinical studies indicate potential for symptomatic as well as disease modifying benefit of vagal nerve stimulation (VNS) in PD. Our collaborators have conducted safety, tolerability, and feasibility trials of taVNS and tested optimal stimulation parameters that mimic cervical implanted VNS in both parasympathetic response and brain effects. taVNS in PD is a 2-week, randomized, sham controlled, double blind trial of taVNS effects on motor symptoms in patients with mild to moderate PD. Recruitment goal is 30 patients (15 active taVNS and 15 sham stimulation) to undergo 10 days of 1-hour stimulation session (5 days treatment, 2 days off, 5 days treatment). Non-invasive electrical stimulation to the auricular branch of the vagus nerve is given at 200% perceptual threshold, 500µs pulse width, 25Hz for 60s ON, 30s OFF cycles, with replicated sham stimulation on the earlobe. Primary outcome measure is the videotaped pre and post stimulation modified MDS-UPDRS part III (baseline/mid-point/completion) in OFF PD medication state with rater blinded to group/condition. Secondary outcome measures include non-motor PD symptom scale, full MDS-UPDRS, multiple cognition and behavioral domains pertinent to PD, serum monitoring of BDNF, TNF-alpha, and IL-6, as well as taVNS safety and tolerability assessment in PD patients. Study includes an exploratory global composite of motor and cognition outcomes analysis.

Milestones reached:

1. Protocol finalized
2. IRB submission 2/22/2018 and IRB final approval 3/20/2018.
3. Procurement of equipment
4. Start of patient screening procedures 8/2018
5. First patient enrolled 10/3/2018
6. Number of patients enrolled: 15
7. Number of patients completed: 14
8. Interim analysis on first 8 patients performed (see below)
9. No cost extension requested from COA to complete study over next 12m

Adverse events: none to date

Interim analysis subjects 1-8:

Interim analysis shows 8/8 randomized PD patients completed the study. The study is ongoing to complete the anticipated 30 subjects. taVNS/sham procedure was feasible and well tolerated with no clinically meaningful changes in HR or BP. Preliminary analysis of modified MDS-UPDRS part III scores at baseline (mean active group: 24; mean sham group 22) and after 10 days of stimulation (mean active group: 21; mean sham group 21) suggests a small but clinically meaningful benefit. A large effect was observed for reduction of self-reported ADHD symptoms, and small effect observed for improvement of self-reported applied cognition in the active taVNS group compared to sham.

Barriers to success:

Slower than expected pace of recruitment, availability of exam rooms at our research office, and availability of coordinator time have been barriers to the throughput of this study thus far.

Possible solutions:

Brain Stimulation Lab has offered to lend RA to help with throughout. We are training this person now.

Publications:

Abstract:

"Design of a novel pilot trial of Transauricular Vagal Nerve Stimulation in Parkinson's Disease"

Presented at:

- 1) Parkinson's Study Group 32nd Annual Symposium on the Etiology, Pathogenesis, and Treatment of Parkinson Disease and Other Movement Disorders.
- 2) Parkinson's Foundation 2019 Centers of Excellence Leadership Conference

Follow-up grants:

Should we establish safety and obtain a signal for efficacy, will seek further funding for multi-center study from MJF versus NIH and engage PSG. Had discussion with PSG leadership confidentially on this topic on 9/7/19 at PSG meeting.



Center on Aging: **Research (continued)**

MUSC Student Research Day

November 1, 2018

Each year, on the first Friday in November, MUSC holds its annual Perry V. Halushka Research Day (RD). RD is run like a major meeting and gives presenters a chance to practice delivering oral or poster presentations in a “safe” environment. MUSC RD is open to all undergraduates (high school, college), students in all six colleges, postdoctoral fellows, clinical fellows and residents, as well as staff scientists and research specialists who performed research in the year leading up to RD. The Center on Aging offered an award for student abstracts with a focus on aging research and selected the following recipients out of over 30 applicants:

1st Place James Dias

“Age-Related Spatial Hearing Difficulty Predicted by the White-Matter Integrity of the Auditory ‘Where’ Pathway”

2nd Place (Tie) Ahmed EIMansi

“DPP-4-Cleaved SDF-1b Diminishes Migration and Osteogenic Differentiation Capacities of Bone Marrow Mesenchymal Stem Cells”

2nd Place (Tie) Kaitlin Cassidy

“Factors affecting health status in community-residing older adults in low-income communities in the tri-county area: A qualitative study”

South Carolina Alzheimer’s Research Conference

November 9, 2018

The Alzheimer’s Association organized this event to gather national and local experts to speak about the latest scientific findings on AD detection and treatment. Kelly Franklin participated with community members to educate on the CoA’s role at MUSC, Dr. Steve Carroll presented about the Carroll A. Campbell, Jr. Neuropathology Laboratory and Andreana Benitez discussed *Early Detection of Alzheimer’s Disease Using Brain Imaging*.

MUSC Science Cafe

April 23, 2019

Dr. Heather Boger presented at the Science Cafe series to discuss brain health and the latest research to improve our quality of aging.

South Carolina State Aging Hearing

April 24, 2019

The South Carolina Advisory Council on Aging scheduled a meeting to hear comments and presentations by Aging Network stakeholders. Dr. Heather Boger attended and represented the MUSC Center on Aging and detailed the center’s mission and strategic goals.

Research Study Recruitment and Promotion

Ongoing

Hearing Research Program
Project Quit
Alzheimer’s Imaging Study

“Youth is a gift of nature, but **AGE** is a work of art.”

- Stainslaw Jerzy Lec





Center on Aging: **Service**

Alzheimer's Association Walk to End Alzheimer's

September 15, 2018

The CoA compiled a team of walkers to raise money for the SC Alzheimer's Association and gathered at North Charleston Waterfront Park to raise awareness for the disease.

More Good Days Art Gala and Silent Auction

October 25, 2018

Provided planning and promotional support for the Respite Care Charleston More Good Days Art Gala and Silent Auction. RCC provides day programs to those with Alzheimer's and related dementias to provide respite for their caregivers.

Lowcountry Senior Network Angel Tree

November 13, 2018

Kelly Franklin chaired the Angel Tree Program that provided personal gifts for the holidays to nearly 70 seniors in need from seven area senior centers.

3rd Annual Holiday Harvest Gala

November 29, 2018

The CoA sponsored and Kelly Franklin chaired the 3rd Annual Holiday Harvest Gala to support Charleston Meals on Wheels through the Lowcountry Senior Network. This event raised nearly \$17k to directly benefit the over 200 individuals on the waiting list to receive Meals on Wheels services in Charleston. Over the last 3 years this event has raised over \$42k, bringing meals to hundreds of previously unserved homebound seniors.

Lowcountry Senior Network Food Drive

March 12, 2019

Supported the LSN Public Relations committee's project to collect food to be delivered to underserved seniors in the St. John's community.

Putting for Parkinson's

April 27, 2019

The Annual Coach Putting for Parkinson's event was started in 2009 to raise awareness of Parkinson's and to help fund research for Parkinson's in honor of Coach Tim Touchberry.

Moving Day

May 18, 2019

Moving Day is the Parkinson's Foundation's annual fundraising walk event. It is a fun and inspiring fundraising event that unites families, friends and communities both large and small in the fight against Parkinson's disease. This celebration of movement featured a family friendly walk course, a kids area, a caregivers relaxation tent and a special Movement Pavilion featuring yoga, dance, Tai Chi, Pilates, etc. all proven to help manage the symptoms of PD.

Lowcountry Senior Network Cleaning Drive

June 11, 2019

Supported the LSN Public Relations committee's project to collect household cleaning supplies and personal hygiene products for underserved seniors at local senior centers.

Community Impact: **Service**

Organizations promoted

Agape Hospice
 Alzheimer's Association
 Bridges for End-of-Life
 CARTA
 Charleston Area Senior Center - Meals on Wheels
 Daniel Pointe Retirement Community
 Dorchester Seniors
 Fox Rehab
 Franke at Seaside
 Franklin and Associates
 Harleston Neighbor to Neighbor
 Louis Waring Jr. Senior Center
 Lowcountry Food Bank
 MUSC CARES Clinic
 MUSC College of Graduate Studies
 MUSC College of Health Professions
 MUSC College of Medicine
 MUSC Elder Abuse Training and Treatment Program
 MUSC Geriatrics
 MUSC Health Charleston Health and Wellness Expo
 MUSC Health Orthopedics
 MUSC Health Primary Care
 MUSC Health Vision Center
 MUSC Hollings Cancer Center
 MUSC Movement Disorders Clinic
 MUSC Palliative Care
 MUSC Project Quit
 MUSC Research Day
 MUSC Science Café
 MUSC Senior Mentor Program
 MUSC Stroke Recovery Research Program
 MUSC Urban Farm
 Parkinson's Foundation
 Respite Care Charleston
 The ARK
 Trident Area Agency on Aging
 Wellmore of Daniel Island

Resources

NIA
 Parkinson's Foundation
 Eureka Alert
 Lowcountry Business Journal
 Post and Courier
 Michael J Fox Foundation
 Center of Jewish Life
 LTC University
 PubMed

Topics

Aging in Place
 Alzheimer's disease and other dementia
 Bladder health
 Cancer
 Caregiver support
 Cellular Therapy
 Chronic liver disease
 Clinical trials
 Cognitive health
 Depression
 Elder Abuse
 End of life
 Fall risk
 Fitness
 Healthcare decisions
 Hearing loss
 Heart health
 High Blood Pressure
 Hip and knee replacements
 Home Safety
 Hunger
 Hurricane preparedness
 Immunizations
 Long-term care
 Lupus
 Memory
 Menopause
 Nutrition
 Opioid addiction
 Palliative care
 Prescription drugs
 Research
 Self care
 Stroke
 Telehealth
 Translational geriscience
 Yogic breathing

Media coverage:

Lowcountry Live
 Let's Talk Boomers
 WTAT Fox 24
 SC Public radio
 LTC University podcast
 All About Seniors
 WCBD News 2
 The New York Times
 The Post and Courier



MUSC Center on Aging **Senior Expo**

3rd Annual MUSC Center on Aging Senior Expo
April 11, 2019

This was the first year hosting the event at the North Charleston Convention Center and attendance grew to nearly 500 people. Whether guests were interested in taking advantage of free health screenings, or wanted to learn about long term care planning, there were experts on site to help with all of their questions.

With over 100 exhibitors, including non-profit organizations and a wide assortment of local vendors and service providers, guests had the opportunity to get information on not only their health questions, but also local and state resources on housing, equipment, insurance, home care, real estate, and so much more.

MUSC offered free blood pressure and glucose checks, bone density screenings, fall risk and mobility assessments, and more.

Live fitness and dance presentations were a big hit this year and got everyone moving. The Mt. Pleasant Police Department was on site with a prescription drug take back station for guests to safely dispose of unwanted prescription drugs.

Platinum Sponsors: Absolute Total Care, Bintelli Powersports, and Overture 55+ Active Adult Apartment Homes

The next Senior Expo will be held at the North Charleston Convention Center on March 19, 2020.

EXHIBITORS

AARP South Carolina
Absolute Total Care
Agape Hospice & SC House Calls
Aging Life Care Association
Allwell
Alzheimer's Association
American Benefit Services
AmeriLife of Charleston
Ashley Gardens/ Mount Pleasant Gardens
At Your Service Concierge
BeWell Home Services & Lutheran Hospice
Bintelli Powersports
Brookdale Assisted Living
CapTel Outreach
Carolina Eyecare - Dr. Kerry Solomon
Carolina One Real Estate
CARTA
Charleston Area Senior Citizens
Charleston County Consolidated
Charleston County Probate Court
Charleston County Public Library
Christensen & All, PA
City of Charleston Mayor's Office on Aging
City of North Charleston Senior Center
Clear Captions
Coastal Carolina Research Center
Connect Hearing
CORA Physical Therapy
Crescent Hospice
Daniel Point Senior Living Community
Delta Pharmacy
Dorchester Seniors

East Cooper Meals on Wheels
Emerge One Medical
Essential Medical Supplies
First Choice VIP Care Plus
First Light Home Care
Green Taxi
Griswold Home Care
Harleston Neighbor 2 Neighbor
Holy City Hearing
Home Care Assistance
Humana
Humanities Foundation
Let's Talk Boomers
Lowcountry Food Bank
McAlister-Smith Funeral and Cremation
Mt. Pleasant Police Department - Drug Drop
MUSC Advocacy Program
MUSC Anatomical Gift Program
MUSC Biomedical Informatics Center
MUSC Cardiology
MUSC CARES Clinic
MUSC CARES Clinic (PT and OT services)
MUSC Carroll A Campbell Jr. Neuropathology Lab
MUSC Division of Physical Therapy
MUSC Elder Abuse Training and Treatment Program
MUSC Geriatrics
MUSC Hearing Research Program
MUSC Hollings Cancer Center-Breast Cancer
MUSC Institute of Psychiatry-Mental Health ICCE
MUSC Library - Hands On Health SC
MUSC Movement Disorders Program
MUSC Musculoskeletal Institute
MUSC Neuropsychology
MUSC Neurosciences Department
MUSC Palliative Care Program
MUSC Project Quit

MUSC Prosthetic Orthotic Services
MUSC Scheduling
MUSC Senior Mentor Program
MUSC Stroke Program
MUSC Stroke Recovery Research Center
MUSC Urban Farm
Ralph H. Johnson VA Medical Center -Neurology/
Stroke
MUSC Wellness Center
Next Day Access
Nuclear Care Partners
Overture 55+ Active Adult Apartment Homes
Palmetto Family Home Care
Palmetto Goodwill
Palmetto Project
Palmettos of Charleston Assisted Living/NHC
Patriot Hospice & Palliative Care
Pruitt Health Hospice
Ralph H Johnson VA Medical Center
Respite Care Charleston
Revolution Therapy & Fitness
Rollator Meal & Activity Tray
Roper St Francis Post-Acute Services
Roper St Francis Research & Innovation Center
Roper St. Francis Healthcare - Stroke Program
SC Attorney General-Securities Division
SC Equipment Distribution Program
SC State Library
SC Thrive
SCDHHS/Community Long Term Care
Silver Haired Legislature
South Bay
South Carolina Department on Aging
Stretch Zone
Summerville Family YMCA
Sweetgrass Pharmacy and Compounding
The Blake at Carnes Crossroads
The Bridge at Charleston
The Palms of Mt. Pleasant
The Village at Summerville
Tori Senior Home Care LLC
Trauma Association of SC
Tri County Elder Law
Trident Area Agency on Aging
United Acupuncture
United Healthcare - Tonya Bell
Wal-Mart Pharmacy
Wal-Mart Vision Center
We Care Home Care
WellCare Health Plans



www.musc.edu/aging

280 Calhoun Street, QF309C
MSC 140
Charleston, SC 29425

Interim Director:
Dr. Heather Boger
boger@musc.edu

Administrative Coordinator:
Kelly Franklin
dillonk@musc.edu
843-792-0712

THE MEDICAL UNIVERSITY OF SOUTH CAROLINA

Founded in 1824 in Charleston, The Medical University of South Carolina is the oldest medical school in the South. Today, MUSC continues the tradition of excellence in education, research, and patient care. MUSC educates and trains more than 3,000 students and residents, and has nearly 13,000 employees, including approximately 1,500 faculty members.

The Center on Aging is a research, service, and education center at the Medical University of South Carolina. The center was approved by the South Carolina Commission on Higher Education December 3, 1987, giving it the status of the oldest research center at the University.

Under the leadership of Interim Director, Dr. Heather Boger, the Center on Aging is committed promoting health, longevity and improving the quality of life for South Carolina's seniors.

Changing What's Possible