As we all gathered this July 4th to celebrate our independence with family, friends, a good burger, and some great fireworks, I reflected on how the MUSC Center on Aging has had a BANG-ing 2017 thus far.

We hosted our Inaugural Senior Expo in collaboration with over 100 exhibitors, graduated the class 2017 College of Medicine students and Senior Mentors, participated in the Franke at Seaside Dementia Symposium, and awarded research funding for the first time to three very deserving Principle Investigators. These grants were designated for MUSC pilot project applications to investigate mechanisms of aging-related diseases.

The topics listed here are just a representative of the things the Center on Aging has accomplished to date this year, but we aren’t slowing down now.

The Center has many more exciting events related to education, research, and community service to come in the 2nd half of 2017...so be sure to stay tuned with the latest events and news with the MUSC Center on Aging Facebook page and online at www.musc.edu/aging.
MUSC Center on Aging Senior Expo 2017

On March 23, 2017, the Center on Aging hosted its first Senior Expo at the Omar Shrine Convention Center in Mt. Pleasant.

Additionally, after completing the assessments, the MUSC Schedulers were on-hand to assist with making any follow-up appointments.

There was plenty of fun to be had at the Senior Expo too! Franke at Seaside demonstrated for to make simple healthy smoothies and savory salmon tacos. MUSC’s Wellness Center provided guided exercises and stretches that were suitable for nearly all fitness levels.

Thank you so much to our wonderful sponsors for helping make this first event into reality! We value your partnership and look forward to getting to work planning the 2018 Senior Expo.

We were overwhelmed by the number of outstanding exhibitors, researchers, clinicians, and sponsors that helped make this event a huge success!

While there are many events in the area put on throughout the year that offer information on healthy living and services, the CoA strived to include an array of FREE health screenings to complement the education. Attendees were able to receive on-site cognitive tests, vision screenings, fall risk assessments, medication reviews, blood pressure checks and many more evaluations.

RESCHEDULED:
VILLAGE MOVEMENT CELEBRATES 15 YEARS

The 15th anniversary of the Village movement was originally scheduled for February 13th, but was postponed due to inclement weather.

We are happy to announce that the “virtual” event featuring renowned surgeon, public health researcher and writer Dr. Atul Gawande, MD, MPH, author of the seminal book Being Mortal has been rescheduled for September 25th.

The MUSC Center on Aging is once again partnering with area villages (Harleston Neighbor 2 Neighbor, I’on at Home, and Pleasant Village) to host a viewing of the livestream from the Boston Public Library.

Dr. Gawande will speak about the value of community and opportunities as we grow older and answer questions from Villages around the country.

For more information, please contact John Milkereit at johnmilkereit@me.com or Kelly Franklin at dillonk@musc.edu.

LT. GOVERNOR’S OFFICE ON AGING

Thank you to Mr. Darryl Broome, State Director for the Lieutenant Governor’s Office on Aging (LGOA), for coming all the way from Columbia to attend the Senior Expo! (Pictured left greeting the guests and exhibitors at the beginning of the event.)

We believe that the Senior Expo was a comprehensive introduction to the array of senior services and professionals that are serving this region’s older population and their caregivers to our state’s newly appointed Director.

The MUSC Center on Aging looks forward to continuing to foster a positive relationship with the LGOA as an advocate for advancing aging research, healthcare, and quality of life.

YOU’RE INVITED:
September 25th at 4:30 pm
MUSC Drug Discovery Building

RESCHEDULED:
VILLAGE MOVEMENT CELEBRATES 15 YEARS

The 15th anniversary of the Village movement was originally scheduled for February 13th, but was postponed due to inclement weather.

We are happy to announce that the “virtual” event featuring renowned surgeon, public health researcher and writer Dr. Atul Gawande, MD, MPH, author of the seminal book Being Mortal has been rescheduled for September 25th.

The MUSC Center on Aging is once again partnering with area villages (Harleston Neighbor 2 Neighbor, I’on at Home, and Pleasant Village) to host a viewing of the livestream from the Boston Public Library.

Dr. Gawande will speak about the value of community and opportunities as we grow older and answer questions from Villages around the country.

For more information, please contact John Milkereit at johnmilkereit@me.com or Kelly Franklin at dillonk@musc.edu.

UPCOMING EVENTS

<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME</th>
<th>EVENT</th>
<th>LOCATION</th>
<th>CONTACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jul 28</td>
<td>8:15 am - 3:15 pm</td>
<td>Aging Gracefully Conference</td>
<td>Trident Technical College</td>
<td>Rebecca Brannon 803-798-6207 ext. 412 <a href="mailto:rbrannon@scmedical.org">rbrannon@scmedical.org</a></td>
</tr>
<tr>
<td>Sept 16</td>
<td>9 am</td>
<td>Walk to End Alzheimer’s</td>
<td>Riverfront Park, North Charleston</td>
<td>Casey Corley 846-614-6608 <a href="mailto:ccorley@alz.org">ccorley@alz.org</a></td>
</tr>
<tr>
<td>Sept 25</td>
<td>4 pm</td>
<td>Villages Celebration with Dr. Atul Gawande</td>
<td>MUSC Drug Discovery Building</td>
<td>John Milkereit <a href="mailto:johnmilkereit@me.com">johnmilkereit@me.com</a></td>
</tr>
<tr>
<td>Oct 20</td>
<td>TBD</td>
<td>South Carolina Clinical &amp; Translational Research (SCCTR) Fall Aging Retreat</td>
<td>TBD</td>
<td>Kelly Franklin <a href="mailto:dillonk@musc.edu">dillonk@musc.edu</a></td>
</tr>
<tr>
<td>Oct 26</td>
<td>6 pm - 9 pm</td>
<td>7th Annual Respite Care Charleston Moments on Canvas</td>
<td>Charleston Yacht Club</td>
<td>Jennifer Hartig 843-647-7405 <a href="mailto:jennifer@respitecarecharleston.org">jennifer@respitecarecharleston.org</a></td>
</tr>
<tr>
<td>Nov 19</td>
<td>5:30 pm - 6:30 pm</td>
<td>Bridges for End-of-Life Candlelight Memorial Ceremony</td>
<td>Hampton Park Lake, Charleston</td>
<td>Amy Spear <a href="mailto:amy@bridgescc.org">amy@bridgescc.org</a></td>
</tr>
<tr>
<td>Nov 30</td>
<td>TBD</td>
<td>2nd Annual Harvest Gala to benefit Meals on Wheels</td>
<td>TBD</td>
<td>Kelly Franklin 843-792-0712 <a href="mailto:dillonk@musc.edu">dillonk@musc.edu</a></td>
</tr>
</tbody>
</table>
Elder Abuse Training and Treatment Programs taking the lead on awareness, action and prevention

As the proportion of older adults in the US population is growing rapidly and living longer, the healthcare system faces an important challenge to cover the needs of our older citizens. This includes raising awareness of how to deal with mental and physical health changes, and new challenges for the older adult as they transition from work and childrearing to retirement.

Unfortunately, some families, caregivers and seniors find themselves facing an unexpected problem: elder mistreatment. Elder mistreatment, or elder abuse, can take many forms, including psychological abuse, physical and sexual abuse, denial of services and care and financial exploitation. Nationwide, evidence shows that 1 in 10 of our community residing elders have been victim of elder mistreatment. Nonetheless, response from state and federal government agencies, and organizations empowered to protect victims has been slow. This is very likely due to a lack of awareness of the problem. This lack of awareness is disappointing, particularly considering that the consequences of abuse are significant, and affect not only the victim but their social environment, including friends and family.

To address these issues, we implemented the Elder Abuse Training and Treatment Programs funded by the Victims of Crime Act, Department of Justice and Department of Public Safety of South Carolina and housed within the College of Nursing at MUSC. Under the leadership of the Project Director, Melba Hernandez-Tejada, DHA, the Elder Abuse Training and Treatment Programs provide awareness, education, and support to healthcare providers and other services agency staff who interact with older adults about how to identify and refer cases of elder abuse, as well as describe our treatment via telehealth to victims who are experiencing psychological distress such as PTSD, depression, and anxiety.

Our Training Program has educated over 600 healthcare providers since January on the signs, symptoms, and risk factors of elder abuse through this low-cost, easily disseminated and highly sustainable project. The Treatment Program aims to establish itself as an innovate service to those victims of abuse, who because of stigma, rurality/ distance, economic, physical and mental issues are unable to visit in person a provider, by delivering trauma-focused cognitive behavioral therapy via telehealth on a securely connected device at no cost to the victim.

Along with Dr. Hernandez-Tejada and Ron Acierno, Ph.D., clinical supervisor, our team includes Jordan Hardy, LMSW, project therapist, Gabrielle Mooneyham, BS, treatment coordinator, and Mara Steedley, BA, training coordinator. The team is actively involved in promotion of awareness in the tri-county area. For more information about our services please contact Mara Steedley at steedleem@musc.edu, (843) 792-0796.

From left to right – Ron Acierno, PhD Clinical Supervisor Melba Hernandez-Tejada, DHA, Director Jordan Hardy, LMSW, Therapist Gabrielle Mooneyham, Treatment Coordinator Mara Steedley, Training Coordinator

13th Annual Aging Research Day
Health and Technology Supports for Aging-in-Place
Friday, April 7, 2017

This year’s 13th Aging Research Day conference, presented by the South Carolina Aging Research Network (SCARN) had both junior and senior faculty from all of the research institutions in South Carolina. It was held in Columbia this year and hosted by the University of South Carolina.

MUSC was proud to be represented by Dr. Na Jin Seo, PhD, associate professor from the College of Health Professions.

Dr. Seo’s presentation on targeting sensation to enhance hand function and the development of TheraBracelet technology was enthusiastically received by all. Her work, combining a background in mechanical engineering and neurorehabilitation, has resulted in novel approaches to stroke upper limb rehab technology.

The TheraBracelet is a wristband applying imperceptible random-frequency vibration to skin. TheraBracelet is efficacious, as it has been shown to immediately improve chronic stroke survivors touch sensation and hand dexterity in preliminary studies.

Dr. Seo’s discussion of this research was a fantastic contribution to the day’s presentations on technology supports.

Spring Event Recaps

Franke At Seaside Dementia Symposium
Tuesday, May 16, 2017

Thank you to Franke at Seaside and Paige Kelsey for organizing the 2017 Dementia Symposium! The Center on Aging brought together four MUSC researchers to speak to caregivers and professionals about a variety of topics associated with dementia. The agenda included:

Understanding the Biology of Dementia and Therapeutics (Heather Boger, PhD; Assistant Professor in Dept. of Neuroscience)

Smart Nutrition for Caregivers and People Living with Dementia (Elaine Amella, PhD, RN; College of Nursing)

Brain Aging and Early Detection of Dementia (Andreana Benitez, PhD; Assistant Professor in Dept. of Neurology and Radiology)

Yogic Breathing for People Living with Dementia and Their Caregivers (Sundar Balasubramanian, PhD; Research Assistant Professor in Dept. of Radiation Oncology)

For information on scheduling speakers, please contact Kelly Franklin at: dillonk@musc.edu
SENIOR MENTOR PROGRAM

CONGRATULATIONS to all of the graduating Class of 2017 Medical Students and thank you to their mentors for their dedicated service!
We celebrated at the Graduation Luncheon on May 10.

Thank you to Dr. William Moran for addressing the graduates and the mentors at the luncheon!

2017 Putman Geriatric Training Awards

Congratulations to Dzmitry Haviazheu and Gregory Kramer, the 2017 recipients of the Putman Geriatric Training Award. Mr. Paul “Put” Putman, and his wife, Smiley, were dedicated volunteers of the Senior Mentor program. Their family has graciously continued their legacy in the form of a scholarship to recognize graduating students with exceptional empathy and compassion with senior patients.

The Putman family’s continued support of the Senior Mentor Program and MUSC’s medical students is very much appreciated and this year’s recipients are well-deserving of the recognition.

Dr. Debra J. Hazen-Martin, Associate Dean for Curriculum in the Basic Sciences, presents the awards to Dzmitry Haviazheu (top) and Gregory Kramer (below).

CoA Pilot Grant

The Center on Aging is pleased to announce that it will fund the 3 pilot grants. The principal goal of the Pilot Project Program was to provide funding for scientifically meritorious, new and innovative projects through a competitive program with open solicitation and peer review.

The program was open to junior, mid-level or senior faculty and post-doctoral fellows and was required to focus on research related to healthy aging or aging related diseases and conditions. These awards are designed to provide short-term funding to help researchers gather preliminary data for future extramural funding in research related to improving the health and well-being of older people.

CONGRATULATIONS TO:
Dr. Andreana Benitez
Assistant Professor, Dept. of Neurology
“Sphingolipids and Brain White Matter in Aging and MCI”

Dr. Rodney Schlosser
Professor, Dept. of Otolarygology
“Novel Radiographic Measures of Age-related Olfactory Dysfunction”

Dr. Andy Shih
Assistant Professor, Dept. of Neuroscience
“All Optical Dissection of Small Vessel Disease in the Aged Human Brain”

SAVE THE DATE
The Center on Aging is excited to be hosting the South Carolina Clinical & Translational Research (SCTR) Fall Aging Retreat on October 20, 2017, where the recipients of the Pilot Grants will be presenting on their projects.

CoA in the Community


Organized a Lunch & Learn through Lowcountry Senior Network for the Wadmalaw Island Senior Center. We provided a healthy lunch and presentation on nutrition.

Promoted the Franke Dementia Symposium on Lowcountry Live (L - R) Dr. Elaine Amella, Paige Kesler, Kelly Franklin.
Center on Aging
19 Hagood Avenue, Suite 806
MSC 510
Charleston, SC 29425

Center on Aging Staff

Heather Boger, PhD - Interim Director, Center on Aging
boger@musc.edu

Vanessa Hinson, MD, PhD - Deputy Director, Center on Aging
hinsonvk@musc.edu

DeAnna Adkins, PhD - Deputy Director, Center on Aging
adkinsdl@musc.edu

Kelly Franklin - Administrative Coordinator
dillinke@musc.edu

Senior Mentor Program
seniormentor@musc.edu
843-792-0460

Follow us on Facebook!
@MUSCCenterOnAging

Respite Care Charleston participant, Emily, did a fantastic job throwing the first pitch at the Charleston RiverDogs game this month!