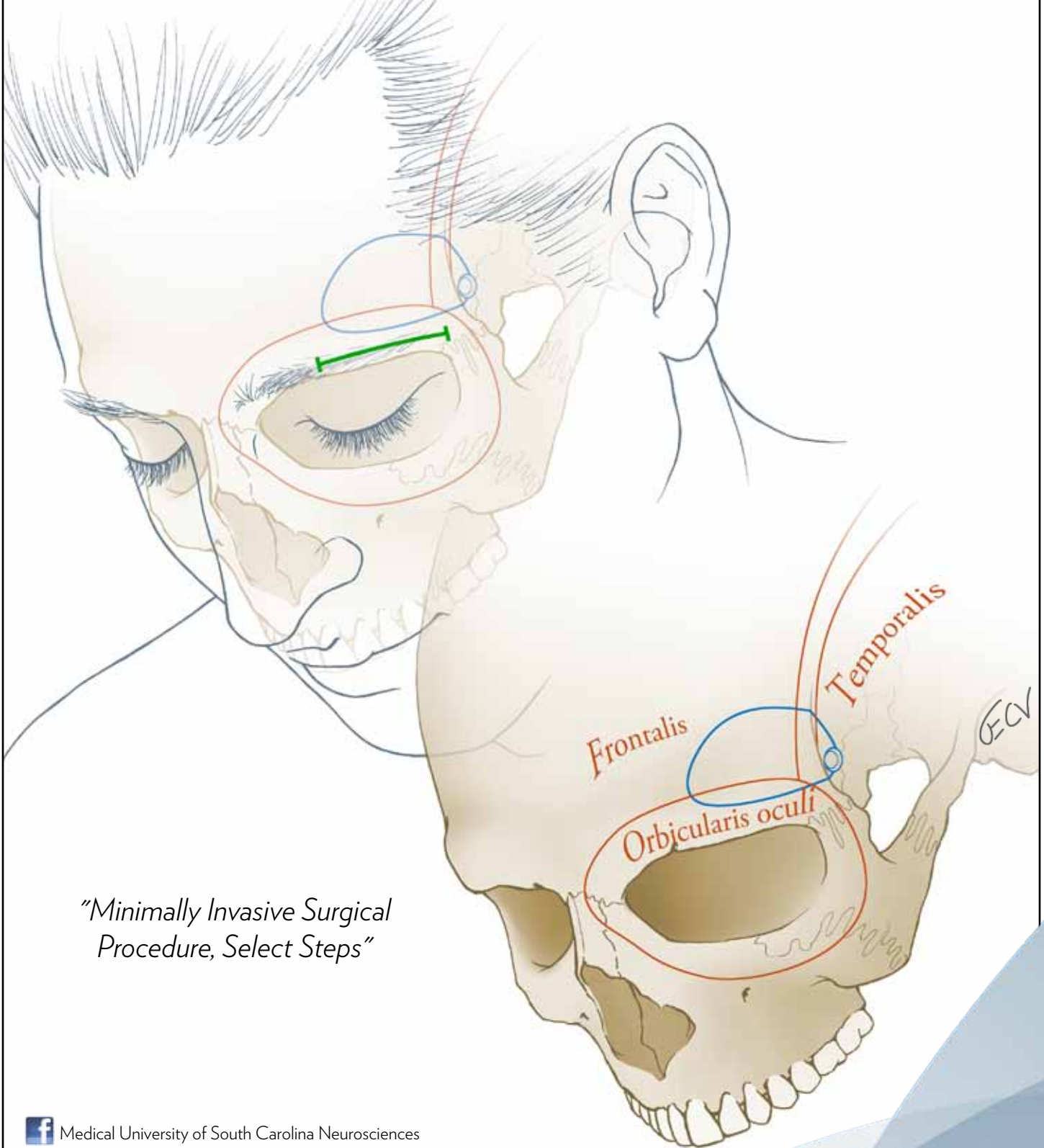


# neuronews

Medical University of South Carolina, Department of Neurosciences

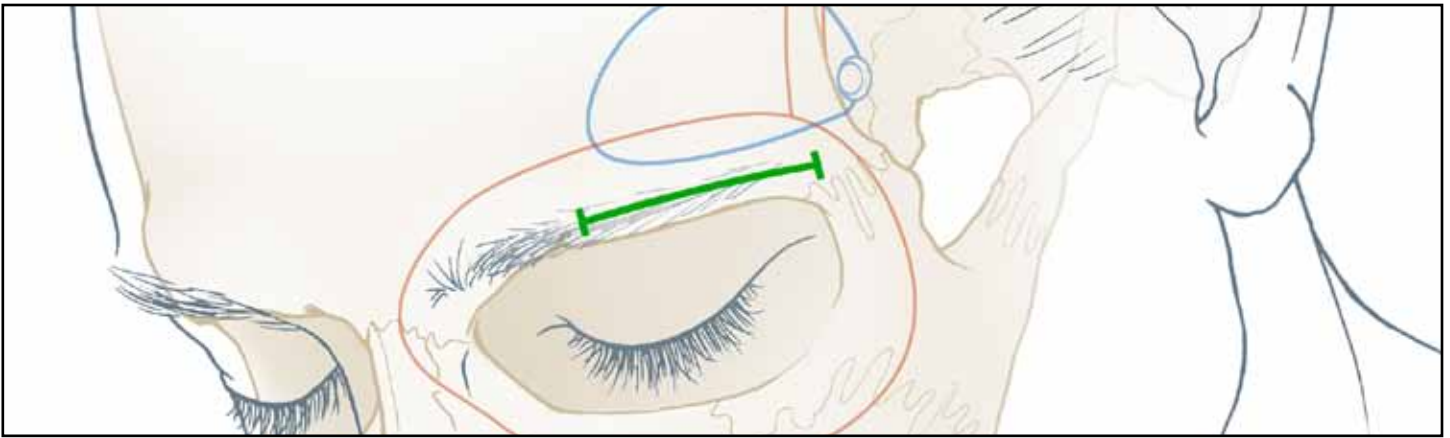
Volume 4 • Issue 4 • December 2011



*"Minimally Invasive Surgical  
Procedure, Select Steps"*

 Medical University of South Carolina Neurosciences

For questions or comments contact: Emma C. Vought at [vought@musc.edu](mailto:vought@musc.edu)



“Minimally Invasive Surgical Procedure, Select Steps”  
Cover Illustration by Emma C. Vought



This newsletter was made possible from the generous contributions of faculty and staff in MUSC’s Neurosciences Department. The success of this publication is dependant upon this support. Thank you for your interest, time and information. For inquiries, suggestions or submission please contact Emma C. Vought (vought@musc.edu) or Rachel Beard (beard@musc.edu).

## Table of Contents

Chairs’ Message .....	3
News .....	4-6
Publications.....	6
Employee Update.....	7
Clinical Trials .....	8-11
Grants.....	12-13
Contact .....	14

### Editors:

Dr. Patel, Dr. Kalivas, Rachel Beard, and Emma C. Vought

### Illustrations and Design:

Emma C. Vought

### Submission Staff:

Rachel Beard and Emma C. Vought

## Chairs' Message

December, 2011

Holiday Message to the Department:

Dear Colleagues and Friends: as the 2011 Holiday Season approaches and we reflect back on this year, we continue to realize so many wins in our department. Among these wins, our Stroke Team once again earns the highest accolades for a nationally reputable Stroke Center, scoring 100 and being declared the program that leads Stroke care and setting the benchmarks nationally. Leading the way and 'changing what's possible'. Congratulations to the entire Stroke Team. Our CSB renovations remain on track and this time next year we will be moving in. The search for a Neurology Chair is progressing well, and Peter and I are hopeful that we will have a great partner to continue the momentum of this progressive department. Translational research hires continue in the department, and we continue to build our Pediatric Neurology group. The Neurosciences Service Line continues to maintain it's growth and strength capturing more of the local regional market. Niche areas like Epilepsy, Spine, Neuro-Oncology and Stroke CV continue to maintain a statewide lead. Discussions about the development of the Center for Applied Neurosciences (MUSC-CAN) with our Neurosciences Advisory Board (Philanthropic Board) are gaining momentum. As we venture into innovations and product development from our discoveries, we are hopeful that this will gain momentum, and will ultimately provide returns to support our work. Thanks to Bruce Frankel for leading in this and mentoring us all in this area. Our Annual Spring Faculty Retreat is in the planning stages and in response to the recent faculty survey we will add to the agenda informative material in areas such as innovations, patents, NIH funding mechanisms, institutional and statewide funding opportunities, among other items.

We are also entering into the residency interview season. I am again hopeful for yet another fantastic year of attracting the best to our training programs. Congratulations to Becky Lehman and the Peds Neurology group for getting approval for a Peds Neurology Residency here.

On a sobering note – we are all in Health care faced with declining reimbursements for what we do. As we brace ourselves for tougher times, I am at the same time hopeful that we will prevail. 'Business' as usual is not going to be sustainable. The energy and momentum of our faculty should help us weather this storm. We must continue to be more efficient with our time and use of our resources, and I trust we will.

Happy holidays folks.

Sunil and Peter



Dr. Peter Kalivas  
Co-Chair  
Neurosciences



Dr. Sunil Patel  
Co-Chair  
Neurosciences

## News

### MUSC Neurosciences on Facebook- "like" us



The Department of Neurosciences now has its' own facebook page, which includes updates about publications, events, and news. If you have information that you would like included please email: Emma C. Vought at [vought@musc.edu](mailto:vought@musc.edu)

### \$1.8 million Grant Awarded

Several of our neurosciences faculty received a 4 year grant with the possibility of extension to a 5th year from the Epilepsy Program Office of the National Center for Chronic Diseases Prevention and Health Promotion (NCCDPHP), CDC, to study the prevalence and underlying risk factors of comorbidities among persons with epilepsy in South Carolina. The total amount of funding is \$1.8 through 2015 at \$450,000 per year.

Principle Investigators (PI):

Dr. Anbesaw W. Selassie

Dr. Braxton Wannamaker

Other neuroscience faculty who are co-investigators:

Dr. Jonathan Edwards

Dr. Gabriel Martz

Ms. Gigi Smith, RN, MSN (PhD candidate)

Dr. Janelle Wagner

All of the above are either faculty or adjunct faculty of the Comprehensive Epilepsy Center. This funding was made possible because of the resources and capacities of the Comprehensive Epilepsy Center as noted in the grant award.

### 9 East Congrats!

Congratulations to the following 9 East Staff:

Laura Dias – MUSC's September Employee of the Month

Leslie Norris and Stacy Jernigan – 9 East's Employees of the Quarter (October-December)

### Golden Apple Awards Ceremony

The American Medical Student Association and the College of Medicine presented the 2011 Golden Apple Awards on December 6, 2011. These awards are given to members of the College who are recognized by MUSC students for their excellence in teaching. Four physicians were nominated from the Department of Neurosciences:

Dr. Julio Chalela

Dr. Rebecca Lehman

Dr. Robert Turner

Dr. Aljoeson Walker

Congratulations to these physicians for their nomination and continued dedication to educational excellence.

### Pediatric Neurology Residency Accepting Applicants

The Medical University of South Carolina Child Neurology Residency Program recently received initial ACGME accreditation and now has open positions for a PGY1 Resident and a PGY3 Resident, both to start on July 1, 2012. To find out more about this program please visit:

[www.musc.edu/neurosciences](http://www.musc.edu/neurosciences)

or

[http://academicdepartments.musc.edu/neurosciences/education/pediatric\\_neurology](http://academicdepartments.musc.edu/neurosciences/education/pediatric_neurology)

### SC Business & Research Mission Delegation

Several neurosciences faculty members represented the Medical University of South Carolina at a delegation in Israel including: Dr. Patel, Dr. Frankel and Dr. Mintzer.

To find out more about what was discussed at the delegation read the article "S. Carolina delegation looks to expand cooperation" in the Jerusalem Post: <http://www.jpost.com/Business/BusinessNews/>

## Sino-American Symposium on Drug Addiction

Sino-American Drug Addiction conference was held October 9-11, 2011 in Ningbo, China. Neuroscience researchers Drs. Peter Kalivas, Gary Aston-Jones, Ronald See and Jackie McGinty attended the event and gave the following lectures.

Jacqueline McGinty - "BDNF Infusion into Prefrontal"  
Gary Aston-Jones - "The Role of the Hypothalamic Orexin Neuropeptide System in Reward Seeking"

Peter Kalivas - "New Treatments for Addiction Hiding in Excitatory Synapses"

Ronald See - "Methamphetamine-Induced Changes in Memory and Attentional Processing"

Congratulations to Dr. Peter Kalivas who received an award and is now an Adjunct Professor at Ningbo University.



## Teacher of the Month Nomination

Each month, the students of the College of Medicine like to honor the professors, residents, and physicians who they feel have been exceptional with a Teacher of the Month nomination. Dr. Tsai was honored with a certificate in recognition of her excellence in fostering the education of these students. Congratulations Dr. Tsai.

## Faculty Mentor Program

Information on the neurosciences' Faculty Mentoring Program is now available online. This site gives information on promotion, tenure and success measures and documentation. To view this online resource visit:

[http://academicdepartments.musc.edu/Neurosciences\\_Mentor\\_Program](http://academicdepartments.musc.edu/Neurosciences_Mentor_Program)

## Neuro Service Line Update

### Progress Notes

Dr. Mintzer and Alzheimer's research were featured in October's edition of Progress Notes. This publication is sent to all physicians in the state. There is also a video interview that is available to accompany the article online at MUSC's video library. To watch this video visit:  
[http://academicdepartments.musc.edu/tru/tru\\_programs/arcp.htm](http://academicdepartments.musc.edu/tru/tru_programs/arcp.htm)

### Health Care Hero Nomination

The Health care hero's awards were presented this December. Karen St. Marie was nominated by Dr. Edwards and was a finalist. Dr. Jauch was nominated by Dr. Adams and was also a finalist.

### New Patient Videos

Two neurosciences related patient videos have been recently posted in MUSC's video library. One on spine with Dr. Sachs and one on stroke with Dr. Jauch.

To watch the videos please visit:  
<http://youtu.be/XRqXys5Uniw>



## Stroke Center News

### Changing What's Possible

Six tPA treatments were given over a 24 hour period on 10/04/2011 through MUSC REACH and the MUSC ER. Based on UB-92 in the hospital database, only 38 tPA treatments were administered in all South Carolina hospitals combined in 2004. What normally takes all the hospitals in the state to do in a 2-month period now can be done by MUSC Stroke Center in 24 hours. We are proud say "WE MADE A DIFFERENCE".

## Social News

### Congratulations!

Congratulations to Dr. Martz and his wife on their new family additions: Leyden Frederick (weighing 5'11) and Zander Aloicious (weighing 5'7) born October 1, 2011.



Congratulations to Dr. Hays and her husband on their new family addition: Evelyn Rachel Shapshak (weighing 6'15) born October 4, 2011.



## Publications

1) Repeated-measures analysis of the National Institute of Neurological Disorders and Stroke rt-PA stroke trial. Feng W, Vasquez G, Suri MF, Lakshminarayan K, Qureshi AI. *J Stroke Cerebrovasc Dis.* 2011 May-Jun;20(3):241-6.

2) Noninvasive brain stimulation may improve stroke-related dysphagia: a pilot study.

Kumar S, Wagner CW, Frayne C, Zhu L, Selim M, Feng W, Schlaug G. *Stroke.* 2011 Apr;42(4):1035-40.

3) Stroke in pregnant and postpartum women. Sidorov EV, Feng W, Caplan LR. *Expert Rev Cardiovasc Ther.* 2011 Sep;9(9):1235-47.

4) Heroin relapse requires long-term potentiation-like plasticity mediated by NMDA2b-containing receptors. Haowei Shen<sup>1</sup>, Khaled Moussawi, Wenhua Zhou, Shigenobu Toda, and Peter W. Kalivas. *PNAS.* Nov. 29, 2011; vol. 108, no. 48, 19407-19412

[www.pnas.org/cgi/doi/10.1073/pnas.1112052108](http://www.pnas.org/cgi/doi/10.1073/pnas.1112052108)

To have your recent  
publications included  
in NeuroNews please

email them to:

[vought@muscd.edu](mailto:vought@muscd.edu)

## Employee Update

### Goodbye and Good Luck

Name	Position
King, Ashley	RSI
Salak, Vicky	Instructor
Annanalai, Balasubrama	Staff Sci. I
Fallon, Rebecca	RS I
Madell, Rebecca	Student
Mitchell, Deborah	Admin Asst
Benca, Chelsie	RSII
Parker, Amy	RNI
Van Roijen, Melza	TEMP - RS I
Yang, Jiulong (Justin)	RS I
Kandl, Jessica	Prog. Asst
Barry, Sarah M.	Student/MUSC
Roten, Lori	Admin Spec. II
Ellison, Rebecca	Volunteer
Ready, Becca	Student
Steiner, Meghan	Prog. Asst (PT)
Sartor, Greg	GA
Smith, Shanon	Student
Utsuki, Tadanobu	Staff Sci. I
Li, Pengfei	Exchange Student
Kyryliuk, Tamela	RS II
Moroni, Allison Markowitz	Prog. Asst
Hoshino, Kenneth	RS I
Currie, Kaylin	Student/Other
Collins, Heather	Post Doc
Velasco, Sarah	Admin Spec
Moore, Alfred	Res Spec
Hirschhorn, Josh	Res Spec
Sweeney, JaneAnn	RN
Gabriele, Amanda	Postdoc
Bourreza, Aly	Student
Hebbar, Preetha	Student
Busch, Megan	Student
Herrick, Katherine	Res Spec
Flynn-Longmire, Crystal	Res Asst Prof
Dion, Grace	Student

## Welcome New Employees

Name	Position
Padula, Audrey	RS I
Davies, Faraday	RS I
Gantt, Ashley	RS II
Evins, Caitlin	Student
Newsome, Matthew	Volunteer
Mappus, Elliott	Student / Other
Haar, Catherine	Student / Summer
Huits, Martijn	Volunteer
Bari, Andrea	Post Doc
Caskey, Michelle	Prog. Asst.
Fender, Kimberly	RS I
Dilgen, Jonathan	Post Doc
Matthews, Alex	GA
Crosby, Maggie	Student/MUSC
Hanlon, Colleen	Faculty / Dual
Wilson, Rebecca	RS I
Ranasinghe, Viran Jay	Volunteer
Barry, Sarah M.	Student/MUSC
Etheredge, Chris	RS I
Crossley, Christina	Volunteer
Fedarovich, Hleb	Student
Johnson, Stephanie	Volunteer
Minkin, Samantha	Prog. Asst
Bourreza, Aly	Student
Brewer, Ethan	Student/Other
Smith, Joshua	GA - Student
Schramm, Adrien	Post Doc
Reichel, Carmela	Res Asst Prof
Baik, Grace	RS I
Stubenrauch, Andrew	TEMP RS I
Bailey, Peter	Student/MUSC
He, Hao	RSI
Yamada, Lidia	Visiting Scholar
Chhatbar, Pratik	Post Doc
Weidenthaler, Cody	RS I
Danner, Catherine	Admin Asst
Adkins, DeAnna	Asst Prof
Muir, Terence	TEMP RS I
Nesland, Travis	Info Res Coord
Padmaraju, Vasuraju	Postdoc
Boger, Heather	Assistant Professor
Kingery, Chloe	Volunter
Currie, Kaylin	RS I
Hamidi, Bashir	Volunteer
Pava, Matthew	GA
Cox, Brittany	GA
Logothetis, K. Britt	RS I
Megan McDonough	Admin Asst
Bobbie Stasa	Admin Specialist

## EMPLOYEE UPDATE

To see a full listing of clinical trials at MUSC visit:

<http://www.muschealth.com/clinicaltrials/>

## Clinical Trials

The Following Studies are Actively Enrolling Subjects

Alzheimer's					
Study	Title	Sponsor	Principal Investigator	Study Coordinator	Contact Phone/Email
ADNI-2	Alzheimer's Disease Neuroimaging Initiative 2	National Institute on Aging	Jacobo Mintzer M.D., M.B.A. and David Bachman M.D.	Arthur Williams	843-740-1592 masoncr@musc.edu
CEREGENE	A Double-Blind, Placebo-Controlled (Sham Surgery), Randomized, Multicenter Study Evaluating CERE-110 Gene Delivery in Subjects with Mild to Moderate Alzheimer's Disease	National Institute on Aging and Ceregene, Inc.	Jacobo Mintzer M.D., M.B.A. and David Bachman M.D.	Beth Safrit, NP	843-740-1592 masoncr@musc.edu
BAPI	A Phase 3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Efficacy and Safety Trial of Bapineuzumab in Subjects with Mild to Moderate Alzheimer's Disease	Pfizer Pharmaceuticals	Jacobo Mintzer M.D., M.B.A. and David Bachman M.D.	Jan Watts, RN	843-740-1592 masoncr@musc.edu
CITAD	A Randomized, Double-Blind, Placebo-Controlled, Clinical Trial Study of Citalopram for the treatment of Agitation in Alzheimer's Disease	National Institute of Health	Jacobo Mintzer M.D., M.B.A. and David Bachman M.D.	Amanda Watts	843-740-1592 masoncr@musc.edu
Spine Trials					
Study	Title	Sponsor	Principal Investigator	Study Coordinator	Contact Phone/Email
FACT	Fusion Assessment Clinical Trial (FACT), Rev. G, Protocol # 01000-T02	Flexuspine, Inc.	Bruce Frankel, M.D.	Michele DeCandio, RN	843-792-9016 decandio@musc.edu
KAST	The KIVA™ System as a Vertebral augmentation Treatment- A Safety & Effectiveness Trial	Benvenue Medical	Bruce Frankel, M.D.	Michele DeCandio, RN	843-792-9016 decandio@musc.edu
NanOSS	A Prospective, Multi-Center, Nonrandomized study to assess Lumbar Fusion Using Interbody Cages with Autograft in Conjunction with Instrumented Posterolateral Gutter Fusions Using NANOSS BA™	Pioneer Surgical Technology	Abhay Varma, M.D.	Michele DeCandio, RN	843-792-9016 decandio@musc.edu



Epilepsy Trials					
Study	Title	Sponsor	Principal Investigator	Study Coordinator	Contact Phone/Email
PARTIAL ONSET SEIZURES HR 20585	A Randomized, Double-Blind, Placebo-Controlled, Multicenter, Parallel-Group Study to Evaluate the Efficacy and Safety of Brivaracetam in Subjects (→16 to 80 Years Old) with Partial Onset Seizures	UCB, Inc.	Jonathan Halford, M.D.	Ashley Gantt	843-792-7118 gantt@musc.edu
EPILEPSY HR 20691	Open-Label Study to Assess the Safety and Tolerability of Intravenous Carbamazepine as Short-Term Replacement of Oral Carbamazepine in Adult Patients with Epilepsy	Lundbeck, Inc.	Jonathan Halford, M.D.	Ashley Gantt	843-792-7118 gantt@musc.edu
ACUTE REPETITIVE SEIZURES HR 18083	A Phase 3, Randomized, Double-Blind, Parallel, Placebo-Controlled, Multicenter Study, with Optional Open-Label Continuation, of the Efficacy and Safety of Vanquix™ Auto-Injector (Diazepam Injection) for the Management of Selected, Refractory, Patients with Epilepsy who Require Intermittent Medical Intervention to Control Episodes of Acute Repetitive Seizures	King Pharmaceuticals	Jonathan Halford, M.D.	Ashley Gantt	843-792-7118 gantt@musc.edu
REFRACTORY COMPLEX PARTIAL SEIZURES Pro00010630	A prospective, open-label study of the structure and function of the retina in adult patients with refractory complex partial seizures treated with vigabatrin (Sabril®)	Lundbeck, Inc.	Ekrem Kutluay, M.D.	Ashley Gantt	843-792-7118 gantt@musc.edu

Movement Disorders					
Study	Title	Sponsor	Principal Investigator	Study Coordinator	Contact Phone/Email
CD-PROBE	CD PROBE - Cervical Dystonia - Patient Registry for Observation of Botox® Efficacy	Allergan Sales, LLC	Vanessa Hinson, M.D., Ph.D.	Jennifer Zimmerman, RN	843-792-9115 zimmerj@musc.edu
FS Zone	Parkinson's Disease Neuroprotection Clinical Trial Center - FS Zone Supplemental Study	NIH/NINDS	Vanessa Hinson, M.D., Ph.D.	Jennifer Zimmerman, RN	843-792-9115 zimmerj@musc.edu
Phytopharm	A Phase II, multi-centre, randomized, double-blind, placebo-controlled, parallel group study to investigate the efficacy, safety and tolerability of Cogane™ (PYM50028), a novel, orally active neurotrophic factor inducer, in male and female subjects with early-stage Parkinson's disease when administered once daily for 28 weeks.	Phytopharm Plc (ICON Clinical Resarch)	Gonzalo Revuelta, M.D.	Jennifer Zimmerman, RN	843-792-9115 zimmerj@musc.edu
Synosia	A double-blind, randomized, placebo-controlled study of the safety and efficacy of SYN115 as adjunctive therapy in levodopa-treated Parkinson's subjects with end of dose wearing off	Synosia Therapeutics, Inc.	Gonzalo Revuelta, M.D.	Jennifer Zimmerman, RN	843-792-9115 zimmerj@musc.edu

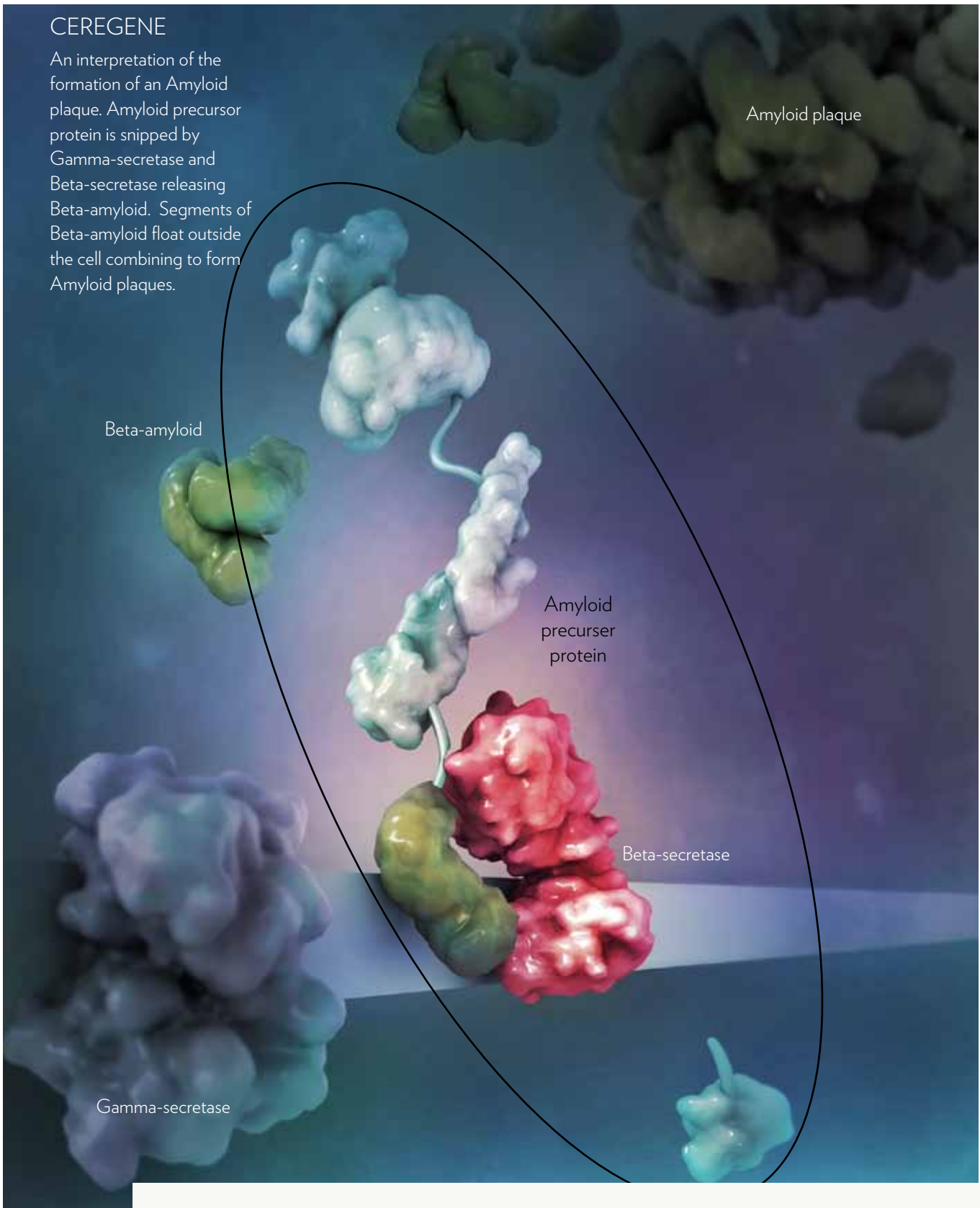
## Clinical Trials continued...

ALS Studies					
Study	Title	Sponsor	Principal Investigator	Study Coordinator	Contact Phone/Email
CEF-ALS-2006	Clinical Trial of Ceftriaxone in Subjects with Amyotrophic Lateral Sclerosis (ALS) (CEF-ALS-2006)	National Institutes of Health/National Institutes of Neurological Disorders and Stroke	David Stickler, M.D.	Michele DeCandio, RN	843-792-9016 decandio@musc.edu

Brain & Spine Tumor Program Clinical Trials						
Study	CTO #	Title	Principal Investigator	Study Coordinator	Coordination Site	Trial Source
Glioblastoma, Adjuvant	101481	RTOG 0837: Randomized, Phase II, Double-Blind, Placebo-Controlled trial of conventional chemoradiation and adjuvant temozolomide plus cediranib versus conventional chemoradiation and adjuvant temozolomide plus placebo in patients with newly diagnosed glioblastoma.	Pierre Giglio, MD Tel: 843-792-6592 giglio@musc.edu	John Keller Tel: 843-792-1286 kellej@musc.edu	Clinical Trials Office (Hollings Cancer Center)	RTOG 0837
The Effect of Garlic Compounds on Fresh Human Glioma Biopsies	101378	The Effect of Garlic Compounds on Fresh Human Glioma Biopsies	Arabinda Das, PhD dasa@musc.edu	Michele DeCandio, RN Tel: 843-792-9016 decandio@musc.edu	Translational Research Unit (Neurosciences)	
Anaplastic Glioma, Adjuvant (1)	101450	RTOG EORTC 0834/26053 22054, "Phase III Trial on concurrent and adjuvant temozolomide chemotherapy in Non-1p/19q deleted anaplastic glioma."	Pierre Giglio, MD Tel: 843-792-6592 giglio@musc.edu	John Keller Tel: 843-792-1286 kellej@musc.edu	Clinical Trials Office (Hollings Cancer Center)	The CATNON Intergroup Trial (RTOG 834)
Anaplastic Glioma, Adjuvant (2)	101449	Phase III Intergroup Study of Radiotherapy versus Temozolomide Alone versus Radiotherapy with Concomitant and Adjuvant Temozolomide for Patients with 1p/19q Codeleted Anaplastic Glioma.	Pierre Giglio, MD Tel: 843-792-6592 giglio@musc.edu	John Keller Tel: 843-792-1286 kellej@musc.edu	Clinical Trials Office (Hollings Cancer Center)	NCCTG
Low Grade Glioma, Progressive	101399	ECOG E3F05, "Phase III Study of Radiation Therapy With or Without Temozolomide for Symptomatic or Progressive Low-Grade Gliomas."	Pierre Giglio, MD Tel: 843-792-6592 giglio@musc.edu	John Keller Tel: 843-792-1286 kellej@musc.edu	Clinical Trials Office (Hollings Cancer Center)	ECOG (Study E3F05); RTOG Endorsed

## CEREGENE

An interpretation of the formation of an Amyloid plaque. Amyloid precursor protein is snipped by Gamma-secretase and Beta-secretase releasing Beta-amyloid. Segments of Beta-amyloid float outside the cell combining to form Amyloid plaques.



### Featured Clinical Trial

Randomized Trial of the Innovative Neurotronics WalkAide Compared to Conventional Ankle-Foot Orthosis (AFO) in Stroke Patients (INSTRIDE). PI: Wayne Feng MD MS, supported by Innovative Neurotronics InC.

## Grants: New and Competing Continuations

Awarded July through October

Principal Investigator	Agency 1	Agency 2	Main Title	Fund Source	Total
Adams, Robert J.	Baylor Univ.	NIH/NHLBI	TWiTCH (Transcranial Doppler with Transfusions Changing to Hydroxyurea)	Federal Flow-Down	\$376,221
Adams, Robert J.	Univ. of California, Los Angeles	NIH/NINDS	Mechanical Retrieval and Recanalization of Stroke Clots Using Embolectomy (MR RESCUE)	Federal Flow-Down	\$22,862
Aston-Jones, Gary	NIH/NIMH		Role of Locus Coeruleus in Response Inhibition	Federal	\$421,425
Bhat, Narayan R.	Amer. Health Assistance Fdn.		Role of a Stress Kinase in AD Pathogenesis	Foundation/Other Non-Profit	\$133,433
Buhusi, Mona C.	NIH/NIA		Memory and proBDNF Processing in the Aged Mouse Hippocampus	Federal	\$181,425
Gass, Justin T.	NIH/NIAAA		The Role of mGluR5 Receptors in Extinction Learning of Alcohol Cues	Federal	\$135,300
Giglio, Pierre			Imaging Biomarkers of Tissue Microstructure and Vasculature as Predictors of Glioblastoma Response to Treatment with Bevacizumab for Progressive Disease.	Hollings Cancer Center	\$70,000
Giglio, Pierre			The Efficacy of PF-02341066 (crizotinib), a dual ALK_c-Met inhibitor in Inhibiting Growth of Glioblastoma	Pfizer	\$125,784
Halford, Jonathan	Optima Neuroscience, Inc.	NIH/NINDS	High Performance Seizure Monitoring and Alert System	Federal Flow-Down	\$82,125

Magarik, Jordan Asher	Amer. Heart Assoc.		The Use of the Alberta Stroke Program Early CT Score (ASPECTS) for Non-Contrast and Pefusion-CT Imaging in Acute Ischemic Stroke	Foundation/ Other Non-Profit	\$2,000
Mintzer, Jacobo	Genentech, Inc.		A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Center, Phase II Study to Evaluate the Efficacy of MABT5102A in Patients with Mild to Moderate Alzheimer's Disease	Corporate	\$757,746
Mintzer, Jacobo	Icon Clinical Research, Inc.	Pfizer, Inc.	A Phase 3, Multi-Center, Long-Term, Safety and Tolerability Trial of Bapineuzumab in Subjects with Alzheimer's Disease Who are Apolipoprotein E4 Carriers and Participated in Study 3133K1-3001	Corporate	\$681,317
Moorman, David	NIH/NIDA		Role of Prefrontal Networks in Addiction Endophenotypes	Federal	\$245,125
New, Natasha	NIH/NIAAA		Adolescent Alcohol, Epigenetics, and Alterations in the Adult Prefrontal Cortex	Federal	\$36,703
Revuelta, Gonzalo J.	Massachusetts General Hospital	NIH/NCCAM	Creatine Safety, Tolerability, and Efficacy in Huntington's Disease: CREST-E	Federal Flow-Down	\$127,500
Vazey, Elena M.	Parkinsons Disease Fdn.		The Locus Coeruleus as a Substrate for Parkinsonian Cognitive Inflexibility	Foundation/ Other Non-Profit	\$47,500
Boger, Heather Anne	NIH/NIA		Oxidative Stress and Glutamate Toxicity on Aged Dopaminergic Neurons	Federal	\$248,253

### Featured Grant

The Donaldson Foundation Award-

This is a \$300,000 grand awarded to Dr. Pierre Giglio for the study of Advanced Neuroimaging Techniques in Predicting Prognosis in Glioblastomas.

Thank you for your contributions.  
For questions, comments or to make a submission please contact:

Emma C. Vought at [vought@musc.edu](mailto:vought@musc.edu)

or

Rachel Beard at [beardr@musc.edu](mailto:beardr@musc.edu)



Medical University of South Carolina Neurosciences



[www.MUSC.edu/neurosciences](http://www.MUSC.edu/neurosciences)