4th Annual Neuroscience Symposium & Annual Neurology Update for the Primary Care Provider

March 20-21, 2015
Charleston, SC

MUSC Drug Discovery and Bioengineering Buildings (DD 110/BE 112)
President Street, Charleston, SC 29425

843-792-3224 | adamsjan@musc.edu
www.musc.edu/neurosciences/symposium
General Information

About the Conference
The 2015 Spring Neuroscience Symposium & Annual Neurology Update for the Primary Care Provider has been developed in response to a needs assessment conducted of healthcare providers in the southeast, identifying relevant cutting edge information in neurology. This educational format is designed to provide participants with the knowledge and skills to manage common neurological complaints in the primary care setting, and to implement strategies in practice resulting in best practices. An educational format of case presentations, audience response participation and lecture with question and answer will be incorporated for the attendees' learning experience. Please refer to the agenda for topics to be presented and discussed.

Who Should Attend
This Conference has been designed to meet the educational needs and interests of physicians, physician assistants, nurse practitioners, nurses and other primary healthcare providers who are involved in caring for adults and adolescents. Sub-specialists who also provide adult care will find this content useful to their clinical practices as well.

Americans with Disabilities Act
It is the policy of the Medical University of South Carolina not to discriminate against any person on the basis of disabilities. If you feel you need services or the auxiliary aids mentioned in this act in order to fully participate in this continuing medical education activity, please call Janis Adams at 843-792-3224.

Accreditation
The Medical University of South Carolina is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA Credit Designation
The Medical University of South Carolina designates this live educational activity for a maximum of 7.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CNE Credit Designation
CNE will be provided for the 4th Annual Neuroscience Symposium & Annual Neurology Update for the Primary Care Provider. The Center for Professional Development of MUSC Health is an approved provider of continuing nursing education by the South Carolina Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission of Accreditation.

Disclosure
In accordance with the ACCME Essentials and Standards, anyone involved in planning or presenting at this educational activity will be required to disclose any relevant financial relationships with commercial interests in the healthcare industry. This information will be made available to participants at the beginning of the activity. Speakers who incorporate information about off-label or investigational use of drugs or devices will be asked to disclose that information at the beginning of their presentation.

One day registration
MUSC:
- Allied Health Professionals & Nurses, Students, Residents, Fellows - $60
- Physicians and Advanced Practice Providers – $150

Non-MUSC:
- Allied Health Professionals & Nurses, Students, Residents, Fellows - $100
- Physicians and Advanced Practice Providers – $175

Two day registration
MUSC:
- Allied Health Professionals & Nurses, Students, Residents, Fellows - $90
- Physicians and Advanced Practice Providers – $225

Non-MUSC:
- Allied Health Professionals & Nurses, Students, Residents, Fellows - $150
- Physicians and Advanced Practice Providers – $265

CANCELLATIONS
Refunds for cancellation can be given if requested in writing before March 10, 2015. A $50.00 administrative fee will be retained if you cancel. No refunds will be made on or after March 10, 2015.

This conference is subject to cancellation and if this should happen, persons registered for this conference will be notified by telephone, using the telephone number listed on the registration form. Registration fees will be refunded in full. In the event of cancellation, Medical University of South Carolina cannot be responsible for airline tickets or travel expenses of any nature.

MAILING ADDRESS
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HOTEL RESERVATIONS
You may contact Terri Massey, MUSC Concierge, at masset@musc.edu or 843-792-6736 for assistance with hotel reservations.

Registration
Register online at www.musc.edu/neurosciences/symposium.

For questions about online registration please call 843-792-3224. Price for conference includes registration, breakfast, lunch and CE credits.
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<td>7:00 am</td>
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| 8:00 am | Founding Fathers Lecture (DD 110) - Erin Lewis, MSN, RN/ Gayle R. Wadford, MSN, MBA, RN  
- Discuss the evolution of stroke care into the 21st century and the shift towards patient and community centered care  
- Recognize future forecast of spine care |
| 8:30 am | Spine Case-Based Presentation (DD 110) - Eric Belin, M.D./Stephen Kalhorn, M.D.  
- Identify the treatment algorithm for acute spine trauma  
- Define importance of initial assessment, and evaluate decision making for advance imaging  
- Correlate assessment and imaging in order to direct operative vs non-operative care |
| 9:15 am | Update on Endovascular Treatment for Acute Ischemic Stroke (DD 110) - Imran Chaudry, M.D.  
- Discuss recent research related to endovascular treatment of acute stroke  
- Review research related to treatment options and outcomes for acute ischemic stroke patients |
| 10:00 am | Break/Vendor Time |
| 10:15 am | Breakout Session I |
| 10:15 am | Botulinum Toxin Emerging Therapy for Spasticity (DD 110) - Wayne Feng, M.D.  
- Recognize the post-stroke limb spasticity as a disabling post-stroke complication  
- Identify the symptoms, the diagnosis, and treatment options of spasticity |
| 10:15 am | Physical Therapy for the Nonsurgical Spine Patient (BE 112) - Sarah Kenney, PT, DPT/ Margaret Gee, MSPT  
- Discuss the evaluation and treatment techniques used by physical therapy to treat clients with spinal pain symptoms |
| 10:55 am | Breakout Session II |
| 10:55 am | Non-operative Therapy for Spine Pain (DD 110) - Emily Darr, M.D./Bryan Kumiga, D.O./ Ryan Nobles, M.D.  
- Discuss non-operative interventions for spine pain |
| 11:00 am | Emotional Coping and Depression Post-Stroke (BE 112) - Elizabeth Ball, RN, APRN  
- Describe the pervasive impact of stroke on emotions, behaviors, and coping  
- Discuss examples of healthy emotional responses  
- Identify signs of concern for poor coping and/or depression |
| 11:30 am | Transition of Therapy from Inpatient to Outpatient Settings (DD 110) - Aaron Embry, PT, DPT, MSCR  
- Discuss rehabilitation options for post-stroke patients |
| 12:00 pm | Lunch/Vendor Time |
| 12:45 pm | Connect to Purpose – Byron Malogides (DD 110)  
- Patient Story |
| 1:15 pm | Medical Based Chiropractic Care for Spine Pain (DD 110) - Joseph Armour, DC  
- Outline the benefits of hospital based chiropractic care as well as the modalities used in non-operative clinical management  
- Describe a patient centered driven model to spine care |
| 1:45 pm | Adapting to Life with Aphasia for Patients and Caregivers (DD 110) - Katie Murphy, MS, CCC/SLP/ Priscilla Brown, MS, CCC/SLP  
- State the different levels of rehab including acute rehab, subacute rehab, long term care, and outpatient speech therapy services |
| 2:15 pm | The Post-Stroke Checklist: A Guide for Post-Stroke Ambulatory Care (DD 110) - Tina Dvoren-Baker, RN, MS, FNP-BC  
- Review standardized approach for post-acute stroke outpatient care  
- Describe post stroke checklist as tool to assist in identifying problems and treatments unique to stroke patient recovery |
<p>| 2:45 pm | Conclusion, Summary, Evaluations, Raffle |</p>
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<td>7:45 am</td>
<td>Introduction: Paul B Pritchard, III, M.D.</td>
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| 8:00 am| Seminar on brain stimulation treatment                               | Mark George, M.D.          | • Describe the physics and mechanics of how deep brain stimulation and vagus nerve stimulation work in terms of stimulating the brain.  
  • Describe prefrontal transcranial magnetic stimulation as FDA approved treatment for depression. |
| 8:35 am| Brain stimulation for epilepsy – Jonathan Edwards, M.D.              |                            | • Discuss the rationale and history behind Neurostimulation in the treatment of epilepsy  
  • Assess the various Neurostimulation options for patients with epilepsy.  
  • Explain the role of Neurostimulation as it fits in the range of therapies for the treatment of seizures. |
| 9:10 am| Brain stimulation for movement disorders – Gonzalo Revuelta, D.O.    |                            | • Define the selection criteria for DBS for movement disorders  
  • Compare and contrast neuromodulation therapies that are available for movement disorders. |
| 9:45 am| Beverage Break & Exhibition                                          |                            |                                                                                                                                        |
| 10:05 am| Update in epilepsy                                                   | Leonardo Bonilha, M.D., Ph.D.| • Evaluate the imaging features of the most common neuropathological causes of epilepsy  
  • Propose a practical guide regarding which imaging studies are indicated for patients with epilepsy. |
| 10:40 am| How to choose an antiepileptic drug – Braxton B Wannamaker, M.D.     |                            | • Identify the inclusion and exclusion criteria of antiepileptic drugs. |
| 11:15 am| Movement disorders                                                   | Gonzalo Revuelta, D.O.     | • Describe drug induced parkinsonism and tardive syndromes  
  • Define the risk factors for drug induced movement disorders. |
| 11:50 am| Differential diagnosis of tremors – Vanessa Hinson, M.D., Ph.D.      |                            | • Differentiate tremor from myoclonus on clinical grounds  
  • Differentiate parkinsonian tremors from essential tremor and drug induced tremor.  
  • Describe initial treatment for tremor based on tremor subtype. |
| 12:30 pm| LUNCH/Optional tour                                                 |                            |                                                                                                                                        |
| 1:30 pm| Cognitive dysfunction                                               |                            |                                                                                                                                        |
| 1:30 pm| Dementia: diagnosis and management – David Clark, M.D.              |                            | • Contrast older, clinically-oriented Alzheimer disease (AD) criteria with newer, biomarker-oriented criteria.  
  • Review current management of AD and clinical trials for new types of therapies.  
  • Discuss the diagnosis of the most common forms of non-Alzheimer’s dementia. |
| 2:05 pm| Episodic amnesia: clinical syndromes – Paul B Pritchard, III, M.D.   |                            | • Recognize and evaluate syndromes of transient amnesia. |
| 2:35 pm| Break                                                              |                            |                                                                                                                                        |
| 2:50 pm| “Doctor, I’m dizzy” – management of dizziness – Ted A. Meyer, M.D., Ph.D.|                            | • Demonstrate proficiency with the Epley maneuver for treatment of BPPV  
  • Recognize and describe chronic causes of dizziness and vertigo. |
| 3:30 pm| Acute weakness: evaluation and management – Katherine Ruzhansky, M.D.|                            | • Identify acute weakness as a neurologic emergency  
  • Evaluate patient with acute onset weakness  
  • Manage treatment of a patient with acute onset weakness. |
| 4:10 pm| Diagnosis and treatment of headache disorders – Aljoeson Walker, M.D. and Mimi Sohn, M.D.|                            | • Describe the diagnosis, treatment of headache specifically migraine and related disorders  
  • Evaluate appropriately prescribed medications and apply associated techniques; including BOTOX treatment and other procedures for migraine. |
| 4:35 pm| Stroke diagnosis and intervention                                  |                            |                                                                                                                                        |
| 4:35 pm| Management of acute stroke – Christine Holmstedt, D.O.              |                            | • Describe Thrombectomy devices used for acute stroke  
  • Review major determinants of post-stroke recovery  
  • Summarize the challenges in translational stroke recovery research.  
  • Identify emerging rehabilitation modalities. |
| 5:25 pm| Adjournment and Reception                                           |                            |                                                                                                                                        |