Fifth Annual
Update in Neurology

February 28–29, 2020
MUSC Bioengineering Auditorium
70 President Street, Charleston, SC

For More Information:
Visit www.musc.edu/cme, Call the Office of CME,
843-876-1925 or email cmeoffice@musc.edu
COURSE FACULTY

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Layton McCurdy Endowed Chair in Psychiatry

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Director, Translational Research Unit

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Director, EMG Laboratory

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Department of Neurosurgery

Aljoeson Walker, M.D.
Associate Professor
Department of Neurology

Victoria S. Whalen, OTR/L
Physical Therapy and Occupational Therapy Team

Lidia Yamada, M.D.
Assistant Professor
Department of Neurology
FRIDAY, FEBRUARY 28, 2020

7:00 am  Registration and continental breakfast

**Neurological Emergencies**

7:30  Acute ischemic stroke, Lidia Yamada, M.D.

8:15  Acute hemorrhagic stroke, Chirantan Banerjee, M.D.

9:00  Acute weakness: etiologies in the peripheral nervous system, Katherine Ruzhansky, M.D., MS

9:45  Break

10:00  Status epilepticus, Zeke Campbell, M.D.

10:45  Status migrainosus, Aljoeson Walker, M.D.

11:30  Increased intracranial pressure, Julio Chalela, M.D.

12:00 pm  Lunch N’ Learn
  
  Lunch and case reports

**Neurostimulation Therapies**

12:45  Principles of therapeutic brain stimulation; neurostimulation in psychiatric disorders, Mark George, M.D.

1:45  Deep brain stimulation: tremor and Parkinson’s disease, Gonzalo Revuelta, D.O.

2:30  Brain stimulation in the treatment of epilepsy, Jonathan C Edwards, M.D.

3:15  Break

3:30  Classification and approach to epilepsy, Ekrem Kutluay, M.D.

4:15  Use of cannabidiol as an antiepileptic drug, Jonathan Halford, M.D.

5:00  Neuroethics and end of life care, Jerome Kurent, M.D., MS, MPH

5:30  Adjourn for the day

SATURDAY, FEBRUARY 29, 2020

7:00 am  Continental breakfast

**Neurodiagnostics**

7:30  Assessment of memory and cognition, detection of focal brain pathology, Dana Szeles, PhD

8:15  Neurodiagnostic approaches to the dementias, Nicholas Milano, M.D.

9:00  Diagnostic tools to assess movement disorders, Shabbir Merchant, M.D.

9:45  Break

10:00  Diagnostic approach to cerebrovascular disease, Lydia Yamada, M.D.

10:45  Epilepsy: EEG monitoring and Imaging, Sarah E. Schmitt, M.D.

11:45  Lunch N’ Learn
  
  Lunch and case reports

**Clinical Collaborations in the Practice of Neurology**

12:30 pm  Diagnosis and treatment of immune-related epilepsy, Sarah E. Schmitt, M.D.

1:15  Advanced Surgical Techniques for the Treatment of Epilepsy and Brain Tumors, W. Alex Vandergrift, III, M.D.

2:30  Break

2:45  Diagnosis and management of spinal disorders, Stephen P. Kalhorn, M.D.

3:45  Evaluation and management of the dizzy patient, Habib Rizk, M.D.

4:45  Update on ALS: presentations, evaluations, and multidisciplinary integrative care, Amy Chen, M.D., PhD; Jill Monger, PT, MS, ATP; Victoria S Whalen, OTR/L

5:30  Adjournment
The Fifth Annual Neurology Update for the Primary Care Provider has been developed in response to a needs assessment conducted of healthcare providers who participated in previous neurology review courses and 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.

The course will address common neurological issues which present in primary care practice, including stroke, headache, epilepsy, movement disorders, cognitive impairments, concussion and traumatic brain injury, neuropathy/myopathy, and the utility of brain stimulation in the treatment of neurological disorders.

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.

In our efforts to “go green”, the syllabus will be provided online. Information will be emailed to you the week prior to the conference so that you may download/print a copy.

The Medical University of South Carolina designates this live activity for a maximum of 17.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAFP: Application for continuing medical education credit has been filed with the American Academy of Family Physicians. Determination of credits is pending.

Nursing Credit: Most states accept CMEs that apply to a specific nursing specialty as nursing continuing education. Please check with your respective State Board of Nursing to ascertain the equivalent number of contact hours offered for 17.5 AMA PRA Category 1 Credit(s)™.

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

In accordance with the ACCME Essentials & 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 health care 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 required to disclose that information at the beginning of their presentation.

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 the Office of CME at 843-876-1925.
REGISTRATION

REGISTRATION FEES:
The fees for the Fifth Annual Neurology Update are:

|                                     | Early Bird       | Regular          |
|                                     | (Before 1/15)    | (After 1/15)     |
| Physicians (MD and DO)              | $520             | $595             |
| Advanced Practice Providers (PA and NP) | $320             | $395             |
| Nurses and Other Health Professionals | $220             | $295             |

Registration fee includes continental breakfasts, coffee breaks, electronic course syllabus and credit processing.

No pre-registrations will be accepted after February 25, 2020. After this date, you must contact the Office of CME at 843-876-1925 to see if space is still available. If space is available you must register on-site.

REGISTRATION METHODS:
Please use ONE of these methods to register. Do not mail if previously faxed or telephoned.

- **Online:** Visit cmetracker.net/MUSC/Catalog and scroll down to find this activity, then click the blue “Register” button.
- **Mail:** Please send registration form with check payable to “Medical University of South Carolina” or credit card information to: Odessa Ussery, Office of CME - MUSC, 96 Jonathan Lucas Street, HE 221A, MSC 754, Charleston, SC 29425
- **Telephone:** 843-876-1925 - Credit card only.
- **Fax:** 843-876-1931 - Credit card only. (Secured area)

ACCOMMODATIONS

Blocks of rooms have been reserved at area hotels at discounted rates. Rates will be held until the date specified; however the room block may fill prior to the date. In this case, neither the discounted rate nor guest room availability can be guaranteed. We recommend you make your reservations as soon as possible. (Please note: All room blocks are held through January 29, 2020. After this time, we cannot guarantee the listed room rate.)

- **Springhill Suites by Marriott Downtown/Riverview**
  $117.00 per night
  98 Ripley Point Drive Charleston SC 29407
  [https://tinyurl.com/Neuro2020-Marriott](https://tinyurl.com/Neuro2020-Marriott)

- **Courtyard by Marriott Charleston Waterfront**
  $129 per night (standard room), $139 per night (waterview)
  35 Lockwood Drive Charleston SC 29401
  [https://tinyurl.com/Neuro2020-Courtyard](https://tinyurl.com/Neuro2020-Courtyard)

- **Francis Marion Hotel**
  $279 per night
  387 King Street Charleston SC 29403
  [https://tinyurl.com/Neuro2020-FrancisMarion](https://tinyurl.com/Neuro2020-FrancisMarion)

Online Code: NEUROLOGY20

CANCELLATIONS

A refund will be made upon written request by January 31, 2020; however $100 will be retained for administrative costs. No refunds will be made after February 1, 2020. We reserve the right to cancel the program if necessary. Full registrations fees will be refunded for canceled programs. The University cannot be responsible for reimbursement of airline or other transportation fares, hotel or rental car charges, including penalties.

MORE INFORMATION

For more information, visit www.musc.edu/cme, call the MUSC Office of CME at 843-876-1925 or email cmeoffice@musc.edu
REGISTRATION FORM

By Registering for this conference, you acknowledge and agree to the cancellation policy stated below.

Name ____________________________ Personal ID# XXX - XX -

As you would like it printed on your name badge

Personal ID# XXX - XX - Please use the last four digits of your SSN

Address ______________________________________________________________

City ____________________________ State _____________ Zip Code ________________________

Specialty ____________________________ Degree/Credentials ____________________________

Business Phone # (_____) _____ - _______________ Business Fax # (_____) _____ - _______________

Email ________________________________________________________________

Please provide your active email address to ensure proper receipt of all CME Credit documentation.

Please read the statements below and check the box if you agree.

☐ I do NOT want my name included on a list of participants to be included in handouts at the conference.

☐ YES, I would like to purchase a copy of the printed course syllabus

☐ NO, I do not want a printed copy of the course syllabus.

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Physicians (MD and DO)         $520           $595
Advanced Practice Providers (PA and NP) $320           $395
Nurses and Other Health Professionals $220           $295

Conference Registration may be charged to:

☐ Enclosed Check Payable to Medical University of South Carolina

☐ MasterCard   ☐ Visa   ☐ Discover   ☐ American Express

Card Number Expiration Date

Name as it appears on card

REGISTRATION METHODS

(Please use ONE of these methods to register. Do not mail if previously faxed or telephoned).

• Mail registration form with credit card information or check made payable to “Medical University of South Carolina” to: Office of CME, Medical University of South Carolina, 96 Jonathan Lucas Street, HE221A, MSC 754, Charleston, SC 29425

• Telephone (843) 876-1925 – Registration by credit card only

• Fax: (843) 876-1931 – Registration by credit card only

• Online: Visit cmetracker.net/MUSC/Catalog and scroll down to find this activity, then click the blue “Register” button.

CANCELLATIONS

A refund will be made upon written request prior to February 1, 2020, less a $100 cancellation fee. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for cancelled programs. The University cannot be responsible for reimbursement of airline or other transportation fares, hotel or rental car charges, including penalties.

By registering for this conference, you acknowledge and agree to this cancellation policy.