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# 12th Annual Upstate Stroke Symposium

Saturday, Nov. 5, 2022 • 8 a.m.–3 p.m.

In person: University of South Carolina School of Medicine Greenville  
607 Grove Rd. • Greenville, SC 29605

Online: Attend virtually through live streaming:  
Registered participants will receive a link for an application that can be used on any device.  
Receive the same credits while attending online.

## Stroke symposium agenda

**7:15 a.m. Registration and continental breakfast**

**8:00 a.m. Welcome**  
*Joseph Hanna, MD*

**8:05 a.m. Emergent Evaluation**  
**Fast and Furious: Hyperacute Stroke Care**  
*Mary Kay Bader, RN, CNS*  
**ICP Management: Pre-hospital to Neuro ICU**  
*Ryan Hakimi, DO, MS, FNCS, FCCM*  
**NIHSS Demystified**  
*Sarah Hierholzer, MSN, ACNP, RN and Elizabeth Orr, MSN, RN, APRN, ANVP-BC*

**9:45 a.m. Break**

**10:15 a.m. Stroke Recovery**  
**Neuromodulation for Stroke Recovery**  
*Wayne Feng, MD, MS*  
**Post-stroke Depression**  
*Tracie McConnell, PhD*  
**How to Establish a Successful Support Group**  
*Beverly Brown, MEd, and Michelle Boozer*

**11:45 a.m. Break/Lunch**

**12:30 p.m. Diagnostic Evaluation and Related Treatments**  
**Research Abstracts: Finger-to-Nose, RACE Score, Stroke Camp**  
*Zachary Langston, MS; Brandon Gibson, NRP; Sarah Zaheer, MD*  
**Etiological Workup for Stroke**  
*Saher Choudhary, MD*  
**Tenecteplase for Stroke and Other Pharmacological Controversies**  
*Michael Wagner, PharmD*  
**Extending the Treatment Window for Reperfusion Therapy**  
*Neel Shah, MD*  
**Artificial Intelligence in Stroke Care**  
*Jan Vargas Machaj, MD*

**2:50 p.m. Closing**  
*Joseph Hanna, MD*

## Objectives

*At the conclusion of this program, the medical professional should be able to:*

- Identify standards and tools for emergent stroke evaluation.
- Describe elements of stroke diagnostic evaluation and related treatments.
- Illustrate elements of stroke recovery process.



### On the cover:

At Retreat and Refresh Stroke Camp, survivors of stroke and their family/caregivers enjoy camp activities and games, share their experiences, and build a network of support.

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## Accreditation

The University of South Carolina School of Medicine Greenville/Prisma Health–Upstate designates this live activity for a maximum of 5.5 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

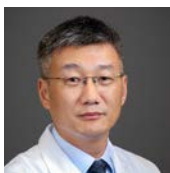
The University of South Carolina School of Medicine Greenville/Prisma Health–Upstate is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

## Guest speakers



### Mary Kay Bader, RN, CNS

Mary Kay Bader is a neuroscience/critical care clinical nurse specialist at Mission Hospital in Mission Viejo, California, and holds CCRN, CNRN, SCRN & CCNS certifications. She has lectured nationally/internationally on traumatic brain injury, hyperacute stroke, hypothermia and targeted temperature management, ICP, seizure and status, spinal cord injury, aneurysmal SAH, anticoagulation reversal in the presence of intracranial hemorrhage and post cardiac arrest care. She has published 45 articles and four books. She is past president of the Neurocritical Care Society (NCS) and the American Association of Neuroscience Nurses, and is a Fellow for the NCS and an FAHA.



### Wayne Feng, MD, MS

Wayne Feng, MD, MS, is the Chief of the Stroke & Vascular Neurology Division and a tenured Professor of Neurology and Biomedical Engineering at Duke University. A physician-scientist, his

research portfolios include developing imaging biomarker for post-stroke motor outcomes prediction and use of non-invasive brain stimulation tools including transcranial direct current stimulation, vagus nerve stimulation and low-intensity focused ultrasound to enhance post-stroke motor recovery. He is currently leading an NIH-funded U01 15-center study called TRANSPORT 2 (TRANScranial direct current stimulation for Post-stroke motor Recovery – a phase II sTudy). He has published 100+ peer-reviewed manuscripts. He is the Section Chair of Neural Repair & Rehabilitation, American Academy of Neurology.

### Michelle Boozer

On Christmas Eve, 2005, Michelle Boozer suffered a massive stroke, leaving her with hemiplegia on the right side. The city of Columbia employee had to learn to walk and talk again, among many challenges. She had been an outgoing people person, but her stroke made her not want to be seen or heard. During therapy with a social worker at a rehabilitation hospital, she reflected on her own experiences and journey to recovery and felt a calling to help other survivors going through similar experiences. She has become an official stroke ambassador, encouraging her stroke support group and uplifting people at a time when hope is easily lost.

### Beverly Brown, MEd

Beverly Brown, MEd, a long-time educator, is an 18-year post-stroke survivor. She is a founder and facilitator of a stroke survivor support group with Prisma Health Richland Hospital. She has been published in YoungStroke, Inc. and Young Stroke Media, LLC and has served as a community outreach liaison for stroke education and stroke support. She has organized Strokes for Stroke: A Celebration of Survivors, a canvas water painting experience where survivors express their artistic abilities post stroke.

## Prisma Health (Upstate) presenters

Saher Choudhary, MD, Neurology

Brandon Gibson, NRP, Stroke Program, Franklin County, Georgia EMS

Ryan Hakimi, DO, MS, FNCS, FCCM, Neurocritical Care

Joseph Hanna, MD, Neurology

Sarah Hierholzer, MSN, ACNP, RN, Neurocritical Care

Zachary Langston, MS, Stroke Research

Tracie McConnell, PhD, Neuropsychology

Elizabeth Orr, MSN, RN, APRN, ANVP-BC, Neurology

Neel Shah, MD, Vascular Neurology

Jan Vargas Machaj, MD, Neuroendovascular/Neurosurgery

Michael Wagner, PharmD, Pharmacy

Sarah Zaheer, MD, Neurology Residency

## Registration information

### Registration fees:

Live: MD, DO, PA, NP	\$75
Live: RN, LPN, PT, OT, SLP	\$50
Live: Allied Health	\$30

*Prisma Health employees and virtual attendees receive discounted rate.*

*Registration fees will be used to support stroke survivors outreach.*

For any questions regarding this information, please contact the CME staff at [CME@PrismaHealth.org](mailto:CME@PrismaHealth.org).

To register, visit

<https://ghscme.ethosce.com/content/2022Stroke>.

### Target audience:

- Physicians, physician assistants and nurse practitioners; emergency and internal medicine; neurology, pediatric neurology and psychiatry
- Nurses
- Rehabilitation therapists
- EMTs and paramedics



# Prisma Health Greenville Memorial Hospital

Use Entrance 2 off Grove Road.

Parking will be in garage under the medical school

Entrance will be under skywalk between the medical school and Clemson University Nursing building. Signs will be posted.



Download the Prisma Health Go app to help you navigate your way around and within Prisma Health facilities.

*Prisma Health Go is available for both Apple and Android devices.*

