

Approved for:

AMA Category 1 Credit  
AOA Category 1-A Credit  
AAPA Credit  
ANCC Credit  
Stroke Hours

Pending:  
PT Credit  
OT Credit

UPMC Hamot Continuing Medical Education presents:

# 2021 NEUROSCIENCE CONFERENCE



Friday, November 5, 2021

Ambassador Banquet and Conference Center • 7794 Peach St. • Erie, Pa.

**COURSE DIRECTORS:**

**Tammy Kordes, PhD**

*Neuropsychologist*

*Northshore Neurosciences*

**Trevor Phinney, DO**

*Neurologist*

*UPMC Northshore Neurology*

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COLLEGE OF OSTEOPATHIC MEDICINE

## PROGRAM OUTLINE

7 to 7:30 a.m.	<b>Registration/Continental Breakfast</b>
7:30 to 7:35 a.m.	<b>Opening Remarks</b>
7:35 to 7:50 a.m.	<b>COVID-19: A Patient's Perspective*</b> Phillip Vargo, BSBA, MBA
7:50 to 8:20 a.m.	<b>COVID-19: How the Virus Affects the Brain*</b> Pravin George, DO
8:20 to 8:50 a.m.	<b>Optimal Blood Pressure Management After Stroke and Intracerebral Hemorrhage*</b> Logan Pyle, DO
8:50 to 9:20 a.m.	<b>Brain Aneurysms and Subarachnoid Hemorrhage: Update on Current Treatment**</b> Jeremy Stone, MD
9:20 to 9:35 a.m.	<b>Refreshment Break</b>
9:35 to 10:35 a.m.	<b>Neuroscience of Sleep</b> Erica Grazioli, DO Jon Glass, PhD
10:35 to 11:05 a.m.	<b>What Is Rehab?***</b> Corey Hickey, DO
11:05 to 11:35 a.m.	<b>CBD, THC &amp; Medical Marijuana</b> Joseph Leone, DO
11:35 a.m. to 12:15 p.m.	<b>Lunch</b>
12:15 to 12:45 p.m.	<b>Burnout: Staying a Step Ahead</b> Elizabeth Stroup, MS, LCSW
12:45 to 1:15 p.m.	<b>Legal Aspects in Neurology Care*</b> Richard Kidwell, Esq.
1:15 to 2:15 p.m.	<b>Multidisciplinary Approach to Posttraumatic Agitation and Delirium+</b> Gary Galang, MD Allyson Yukevich, MOT, OTR/L, CBIS, cPAMS
2:15 to 2:30 p.m.	<b>Refreshment Break</b>
2:30 to 3 p.m.	<b>OK, Your Patient Had a Stroke ... Now What?*</b> David Hutzel, MD
3 to 3:30 p.m.	<b>Perspectives on Functional Cognition in the Time of COVID-19</b> Katie Mullen, MOT, OTR/L Kelsey Watters, OTR/L, BCPR
3:30 p.m.	<b>Adjournment/Final Remarks</b>

\* Approved for Stroke Credit

+ Approved for Trauma Credit

## NEED

Early diagnosis and treatment of stroke and other neurologic disorders can have a profound impact on patient outcomes and mortality. The diagnosis, management, treatment, and rehabilitation of diseases of the brain and spine are rapidly changing. It is vital that primary care practitioners, nurses, therapists, and other advanced practice providers maintain an awareness of the differential diagnoses, as well as new and emerging treatment options for these.

## GOAL

This annual activity will focus on the neurosciences, including stroke and other disorders of the brain, as well as foster networking and collaboration among clinical disciplines within the region. Both current and future treatment options will be addressed, along with management issues and prevention of possible complications. Case presentations will complement didactic presentations.

## TARGET AUDIENCE

Primary care physicians, internists, neurologists, neurosurgeons, nurses, nurse practitioners, physician assistants; physical, occupational, and speech therapists; and other advanced practice providers will benefit from attendance at this activity.

## OBJECTIVES

*At the conclusion of this activity, the participants should be able to:*

- Utilize a patient's personal experience to describe COVID-19
- Recognize long-term neurological effects of COVID-19
- Assess the impact COVID-19 has on one's daily life
- Identify why the coronavirus may attack the central nervous system
- Describe the cerebrovascular complications of COVID-19
- Discuss CNS and neurological manifestations of COVID-19
- Review the optimal goals and the reasoning behind those goals for blood pressure after stroke and ICH
- Recognize when more invasive blood pressure monitoring is needed
- Describe which pharmacological agents to utilize and when continuous medications should be used
- Discuss the prevalence of hemorrhagic strokes compared to ischemic strokes
- Describe three complications that can happen after a brain aneurysm ruptures
- Describe three ways a brain aneurysm can be treated
- Develop the understanding of neuroscience of sleep and sleep disorders
- Differentiate primary vs secondary insomnia
- Discuss pharmaceutical vs non-pharmaceutical treatment options for sleep disorders
- Define the role of a physiatrist in treatment of stroke
- Describe the different levels of rehabilitation care
- Discuss insurance considerations for level of care
- Review the endocannabinoid system
- Discuss neurological conditions approved for medical marijuana treatment
- Describe therapeutic benefits of CBD, THC, and medical marijuana
- Explain the medical marijuana referral and certification process
- Review the definition of burnout
- Identify the symptoms of burnout
- Discuss healthy coping strategies to combat burnout
- Discuss the legal aspects of decision making in the hospital setting
- Review updates on power-of-attorney and guardianship guidelines
- Review clinical decision-making algorithm
- Define posttraumatic agitation features, clinical course and its pathophysiology
- Establish a workflow for the diagnosis and management of posttraumatic agitation
- Discuss the multidisciplinary approach to the management of posttraumatic agitation
- Describe best practices for secondary prevention for stroke
- Recognize post-stroke driving difficulties
- Discuss navigating mental health in Erie poststroke
- Define functional cognition and identify typical functional cognitive deficits noted in different diagnoses, including COVID-19
- Review key assessments used to identify functional cognitive deficits
- Describe interventional approaches that support best patient outcomes for those with functional cognitive impairments

## ACCREDITATION

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

## PHYSICIAN (CME)

The University of Pittsburgh designates this live activity for a maximum of 6.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## NURSING (CNE)

A maximum of 6.75 nursing contact hours will be awarded. Participants will be able to claim credit commensurate with the extent of their participation in the program.

## PHYSICIAN ASSISTANT (AAPA)

The University of Pittsburgh has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 6.75 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

## OTHER HEALTH CARE PROFESSIONALS

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

## AOA ACCREDITATION

The Philadelphia College of Osteopathic Medicine is accredited by the American Osteopathic Association to provide osteopathic continuing medical education for physicians. The Philadelphia College of Osteopathic Medicine designates this program for a maximum of six and three quarters of AOA Category 1-A credits and will report CME and specialty credits commensurate with the extent of the physician's participation in this activity.

## STROKE HOURS

Sessions that meet requirements for stroke education hours will be indicated on the credit designation form at the conference. This activity has been designed to meet the requirements for 3.25 stroke education hours.

## TRAUMA CREDIT HOURS

Select sessions meet the requirements for trauma education hours. The maximum trauma education credit available for this conference is 2 hours.

## PT CREDIT

Application has been submitted to the Pennsylvania State Board of Physical Therapy for course approval for 6.75 credit hours.

## OT CREDIT

Application has been submitted to the Pennsylvania State Board of Occupational Therapy for course approval for 6.75 credit hours.

## ASHA CREDIT

This course is offered for 0.65 ASHA CEUs (Intermediate Level: Professional Area)



The University of Pittsburgh is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

## SPECIAL NEEDS

Participation by all individuals is encouraged. Advance notification of any special needs (i.e., gluten-free or vegan meal, private room for nursing mothers, handicap accessibility) will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by emailing the UPMC Hamot CME office at [HAM\\_CME@upmc.edu](mailto:HAM_CME@upmc.edu) or calling 814-877-5691.



## LOCATION

The program is being held at the Ambassador Banquet and Conference Center behind the Courtyard by Marriott at 7794 Peach St., Erie, Pa.

## ATTIRE

Attire for the conference is business casual. Since meeting room temperatures can vary, **it is recommended that you bring a light jacket or sweater with you to the conference.**

## REGISTRATION

The registration fee includes attendance at the seminar, electronic educational materials, continental breakfast, refreshment breaks, and lunch for conference attendees.

## FEES

Physicians .....	\$120	Nurses/Therapists/Other .....	\$60
Advanced Practice Providers.....	\$75	Residents/Students .....	\$30

All registration will be through our online registration site at <https://cce.upmc.com/upmchamot2021neuroscience>.

After registering, an electronic confirmation will be sent to you. Registration is complete upon receipt of a confirmation email. If you do not receive this email within 5-7 days of registration, please contact the UPMC Hamot CME Department at 814-877-5691.

**If you are required to pay by check, please contact the UPMC Hamot CME Department at 814-877-5691 or email [HAM\\_CME@upmc.edu](mailto:HAM_CME@upmc.edu).**

## UPMC EMPLOYEE PAYMENT VIA JOURNAL ENTRY TRANSFER OR MEB SCHOLARSHIP FUNDS

If you are a UPMC employee and your department will be responsible for payment, we can charge your department directly. DO NOT SUBMIT a disbursement to UPMC Accounts Payable.

For journal transfer and MEB forms, please visit <https://cce.upmc.com/upmchamot2021neuroscience>.

Under "Register" you will be able to print and fill out the appropriate forms.

## CANCELLATION POLICY

Please notify UPMC Hamot's CME Department of substitutions and cancellations, via email to [ham\\_cme@upmc.edu](mailto:ham_cme@upmc.edu) or by telephone at 814-877-5691.

## COURSE DIRECTORS

### Tammy Kordes, PhD

Neuropsychologist  
Northshore Psychological Associates

**Disclosure:**

*Financial — Dr. Kordes has salary through Northshore Psychological Associates*

*Nonfinancial — Dr. Kordes has no relevant nonfinancial relationships to disclose*

### Trevor Phinney, DO

Neurologist  
UPMC Northshore Neurology

**Disclosure:**

*Financial — Dr. Phinney has salary through UPMC Hamot*

*Nonfinancial — Dr. Phinney has no relevant nonfinancial relationships to disclose*

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## FACULTY

### Gary Galang, MD

Assistant Professor  
Department of Physical Medicine  
and Rehabilitation  
UPMC Mercy

**Disclosure:**

*Financial — Dr. Galang has salary through UPMC Mercy*

*Nonfinancial — Dr. Galang has no relevant nonfinancial relationships to disclose*

### Pravin George, DO

Department of Critical Care Neurosciences  
Cleveland Clinic

**Disclosure:**

*Financial — Dr. George has salary through Cleveland Clinic*

*Financial — Dr. George has salary through INOVA*

*Nonfinancial — Dr. George has no relevant nonfinancial relationships to disclose*

### Jon Glass, PhD

Clinical Psychologist  
Northshore Neurosciences

**Disclosure:**

*Financial — Dr. Glass has salary and ownership interest through Northshore Psychological Associates*

*Nonfinancial — Dr. Glass has no relevant nonfinancial relationships to disclose*

### Erica Grazioli, DO

Neurologist  
UPMC Northshore Neurology

**Disclosure:**

*Financial — Dr. Grazioli has salary through UPMC Hamot*

*Nonfinancial — Dr. Grazioli has no relevant nonfinancial relationships to disclose*

### Corey Hickey, DO

Medical Director  
Encompass Health Rehabilitation  
Hospital of Erie

**Disclosure:**

*Financial — Dr. Hickey has salary through UPMC Hamot*

*Financial — Dr. Hickey has salary through Encompass Health Erie*

*Nonfinancial — Dr. Hickey has no relevant nonfinancial relationships to disclose*

### David Hutzel, MD

Department of Internal Medicine  
UPMC Hamot

**Disclosure:**

*Financial — Dr. Hutzel has salary through UPMC Hamot*

*Nonfinancial — Dr. Hutzel has no relevant nonfinancial relationships to disclose*

### Richard Kidwell, Esq.

Sr. Associate Counsel  
UPMC Hamot

**Disclosure:**

*Financial — Richard has salary through UPMC Presbyterian Shadyside*

*Nonfinancial — Richard has no relevant nonfinancial relationships to disclose*

### Joseph Leone, DO

Erie Medical Marijuana Clinic

**Disclosure:**

*Financial — Dr. Leone has salary and owner interest through Erie Medical Marijuana Clinic*

*Nonfinancial — Dr. Leone has no relevant nonfinancial relationships to disclose*

## **FACULTY (CONT.)**

### **Katie Mullen, MOT, OTR/L**

Occupational Therapist  
UPMC St. Margaret

**Disclosure:**

*Financial — Katie has salary through Pittsburgh OT Cognitive Performance Laboratory*

*Nonfinancial — Katie has no relevant nonfinancial relationships to disclose*

### **Logan Pyle, DO**

Department of Neurocritical Care  
UPMC Hamot

**Disclosure:**

*Financial — Dr. Pyle has salary through UPMC Hamot*

*Nonfinancial — Dr. Pyle has no relevant nonfinancial relationships to disclose*

### **Jeremy Stone, MD**

Endovascular Neurosurgeon  
UPMC Hamot

**Disclosure:**

*Financial — Dr. Stone has salary through UPMC Hamot*

*Nonfinancial — Dr. Stone has no relevant nonfinancial relationships to disclose*

### **Elizabeth Stroup, MSW, LCSW**

Licensed Clinical Social Worker  
Northshore Neurosciences

**Disclosure:**

*Financial — Elizabeth has salary through Northshore Psychological Associates*

*Nonfinancial — Elizabeth has no relevant nonfinancial relationships to disclose*

### **Phillip Vargo, BSBA, MBA**

Liberty University School of Law  
Patient Speaker

**Disclosure:**

*Financial — Phillip has no financial relationships to disclose*

*Nonfinancial — Phillip has no relevant nonfinancial relationships to disclose*

### **Kelsey Watters, OTR/L, BCPR, CBIS**

Occupational Therapist  
Shirley Ryan AbilityLab

**Disclosure:**

*Financial — Kelsey has salary through Shirley Ryan Ability Lab*

*Financial — Kelsey receives honoraria through University of Illinois at Chicago*

*Nonfinancial — Kelsey has no relevant nonfinancial relationships to disclose*

### **Allyson Yukevich, MOT, OTR/L, CBIS, cPAMS**

Occupational Therapy Senior  
Brain Injury Rehabilitation Unit  
UPMC Mercy

**Disclosure:**

*Financial — Allyson has salary through Rehab Services*

*Nonfinancial — Allyson has no relevant nonfinancial relationships to disclose*