

2021 OhioHealth

**VIRTUAL**  
**NEUROSCIENCE**  
**—SYMPOSIUM—**

**Thursday, May 6, 2021**

*Pre-conference – Wednesday, May 5, 2021*

**EARN UP TO 8.25 CREDIT HOURS**

The pre-conference and symposium are designed for physicians, advanced practice providers, nurses and ancillary providers who assess or treat neurologic patients.

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# NEUROSCIENCE —SYMPOSIUM—

Thursday, May 6, 2021

## Pre-Conference Speaker



**Linda Littlejohns, MSN, RN, FAAN**

Neuroscience clinical nurse consultant, Secretary Treasurer, American Board of Neuroscience Nurses

*The Importance of Knowing Neuroanatomy*

## Keynote Speakers



**Laurie Hommema, MD**

OhioHealth Medical Director, Provider and Associate Well-Being

*Well-Being in the times of COVID*



**Daniel Smith, MD**

OhioHealth Neurologist

*Short and long term effects of COVID on the nervous system: What we know going into the second year.*

## Symposium Director



**Brien Smith, MD**

System Vice President, Neuroscience  
OhioHealth

## Faculty

**Christiana Agrotis, OTD, OTR/L**

Occupational Therapist  
OhioHealth Neurological  
Rehabilitation

**Nikita Dedhia, MD**

Neurologist  
OhioHealth Physician Group

**Lauren Esposito, PT, DPT**

Physical Therapist  
OhioHealth

**Scott Gspandl, MD**

Psychiatry  
OhioHealth Physician Group

**Michael Hake, OTR/L**

Occupational Therapist  
OhioHealth Neurological  
Rehabilitation

**Angela Hardwick, MD**

Neurologist  
OhioHealth Physician Group

**Girish Hiremath, MD**

Neurosurgeon  
OhioHealth Physician Group

**Laurie Hommema, MD**

Medical Director, Provider and  
Associate Well-Being  
OhioHealth

**Michael Hyek, PhD**

Senior Director, Prevention &  
Wellness  
OhioHealth

**Molly Jones, PT, DPT, NCS, CBIS**

Physical Therapist  
OhioHealth Neurological  
Rehabilitation

**Kevin Kraska, BFA, MSW, LISW-S**

Social Worker  
OhioHealth

**Linda Littlejohns, MSN, RN, FAAN**

Neuroscience clinical nurse  
consultant, Secretary Treasurer  
American Board of Neuroscience  
Nurses

**Valerie Longbrake, OTR/L**

Occupational Therapist  
OhioHealth Neurological  
Rehabilitation

**Jennifer Mast, MD**

Physical Medicine/Rehabilitation  
OhioHealth Physician Group

**Jacqueline Nicholas, MD, MPH**

Neuroimmunologist and MS  
Specialist  
OhioHealth Physician Group

**Kristie Nies, PhD, ABPP-CN**

Clinical Neuropsychologist  
OhioHealth Physician Group

**Angela Parsons, DO**

Neurologist  
OhioHealth Physician Group

**Shnehal Patel, MD**

Neurologist  
OhioHealth Physician Group

**Jessica Petitti, PT, DPT, NCS**

Physical Therapist  
OhioHealth Neurological  
Rehabilitation

**Bradley Raetzke, MD**

Emergency Medicine  
OhioHealth Physician Group

**Rafia Shafqat, MD**

Neurologist  
OhioHealth Physician Group

**Daniel Smith, MD**

Neurologist  
OhioHealth Physician Group

**Meredith Smith, PT, DPT, NCS**

Physical Therapist  
OhioHealth Neurological  
Rehabilitation

**Adam Snyder, OTR/L**

Occupational Therapist  
OhioHealth Rehabilitation Hospital

**Andrea Stump, PT, DPT, NCS, ATP**

Physical Therapist  
OhioHealth Neurological  
Rehabilitation

**Kristen Timmerman, APRN**

Nurse Practitioner  
OhioHealth Physician Group

**Nirav Vora, MD**

Neurologist, Vascular Neurology  
OhioHealth Physician Group

**Corbin Willis, PA**

Physician Assistant  
OhioHealth Physician Group

## General Information

### Pricing

Pre-Conference: \$25

Symposium: \$25

Pre-Conference and Symposium: \$40

### Registration

Register on or before **April 21, 2021**

### GO TO:

[OhioHealth.Cloud-CME.com/Neuro2021](https://OhioHealth.Cloud-CME.com/Neuro2021)

### Accreditation

OhioHealth is accredited by the Ohio State Medical Association to provide continuing medical education to physicians. OhioHealth designates this live activity for a maximum of 8.25 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The OhioHealth Board of Nursing recognizes events approved by a nationally recognized accreditation system of continuing education approval.

Determination of CE credits are pending approval for up to 8.25 hours for the following specialties: social work, pharmacy, speech, physical therapy and occupational therapy, ASET, psychology and EMS.

QUESTIONS?

Email: [NeuroSymposium@OhioHealth.com](mailto:NeuroSymposium@OhioHealth.com)

## Pre-conference Agenda

12:45–1 p.m.	WELCOME AND INTRODUCTIONS
1–2:30 p.m.	3D Skull, Meninges, Cortex and Blood Supply
2:30–2:45 p.m.	Break
2:45–4 p.m.	3D Cortical, Structures, Pathways and Pathology
4–5 p.m.	3D Brainstem, Cerebellum, Pathology, and Wrap Up of Assessment

## Neuroscience Symposium Agenda

7–7:20 a.m.	Virtual Vendor Hall
7:20–7:30 a.m.	WELCOME AND INTRODUCTIONS
7:30–8:30 a.m.	<b>Short and Long Term Effects of COVID on the Nervous System: What We Know Going into the Second Year</b> <i>Daniel Smith, MD</i>
8:30–8:40 a.m.	Break/Virtual Vendor Hall
8:40–9:30 a.m.	BREAKOUT SESSION I
9:30–10:20 a.m.	BREAKOUT SESSION II
10:20–11:10 p.m.	BREAKOUT SESSION III
11:10–11:30 a.m.	Break/Virtual Vendor Hall
11:30 a.m.–12:30 p.m.	<b>Well-Being in the Times of COVID</b> <i>Laurie Hommema, MD</i>
12:30–12:40 p.m.	CLOSING COMMENTS
12:40–1 p.m.	Networking/Virtual Vendor Hall

# Breakout Sessions

SESSION I	SESSION II	SESSION III
8:40 to 9:30 a.m.	9:30 to 10:20 a.m.	10:20 to 11:10 a.m.
<b>Addressing Barriers to Exercise Program Implementation in Multiple Sclerosis</b> <i>Jessica Petitti, PT, DPT, NCS</i> <i>Meredith Smith, PT, DPT, NCS</i>	<b>Closing the Gap: OhioHealth Neuroscience Wellness Center</b> <i>Lauren Esposito, PT, DPT</i> <i>Michael Hyek, PhD</i>	<b>Alternative Treatments for Movement Disorders: High-Intensity Focused Ultrasound Duopa</b> <i>Shnehal Patel, MD</i>
<b>Deep Brain Stimulation in Movement Disorder Patients</b> <i>Angela Hardwick, MD</i> <i>Girish Hiremath, MD</i>	<b>Collaborative Approach to Brain Injury Recovery: Cross Continuum Application</b> <i>Valerie Longbrake, OTR/L</i> <i>Adam Snyder, OTR/L, CBIS</i>	<b>Complex Acute Stroke Presentations; A Case Review</b> <i>Kristen Timmerman, APRN</i> <i>Corbin Willis, PA</i>
<b>Dissections – Causes and Treatment</b> <i>Nikita Dedhia, MD</i>	<b>Hot Topics at the International Stroke Conference</b> <i>Nirav Vora, MD</i>	<b>It's Not Just a Headache</b> <i>Rafia Shafiqat, MD</i>
<b>Mechanisms of Gait Recovery Following Spinal Cord Injury</b> <i>Andrea K Stump, PT, DPT, NCS, ATP</i> <i>Molly Jones, DPT, PT, NCS, CBIS</i> <i>Jennifer Mast, MD</i>	<b>Hot Topics in Multiple Sclerosis</b> <i>Jacqueline Nicholas, MD, MPH</i>	<b>What is Mindfulness?</b> <i>Kevin Kraska, BFA, MSW, LISW-S</i>
<b>Sticks, Stones, and Names: The Neuroscience of Medically Unexplained Symptoms</b> <i>Kristie Nies, PhD, ABPP-CN</i>	<b>Post-Traumatic Stress Disorder and Developmental Trauma</b> <i>Scott Gspandl, MD, MBA</i>	<b>The Use of Smart Home Technology Across the Continuum</b> <i>Michael Hake, OTR/L</i> <i>Christiana Agrotis, OTD, OTR/L</i>
<b>Workplace Violence</b> <i>Bradley Raetzke, MD</i>	<b>Treating Epilepsy in 2021</b> <i>Angela Parsons, DO</i>	

**This event is supported through funding from the All Life Foundation in honor of the Dempsey family.**

**Register by April 21, 2021: [OhioHealth.Cloud-CME.com/Neuro2021](https://OhioHealth.Cloud-CME.com/Neuro2021)**

## Conference Description and Objectives

We welcome you to join the brightest minds in neuroscience at the 2021 OhioHealth Virtual Neuroscience Symposium. The goal of this educational event is to expand knowledge related to the management of various neurological conditions. Attendees will be able to select from focus areas covering the management of cerebrovascular disorders, multiple sclerosis, epilepsy, traumatic brain injury, dementia, rehabilitation, movement disorders, spine disorders, behavioral health and neuroscience wellness. This conference is designated for physicians, advanced practice providers, nurses and ancillary care providers who assess or treat neurological patients.

## Pre-Conference Objectives:

1. Describe normal anatomy of the cortex, brainstem, cerebellum, vasculature and pathways that connect these areas in 3D.
2. Describe and demonstrate signs and symptoms of common strokes, trauma and degenerative pathology in the brain, brainstem and cerebellum.

## After participating in this activity, the attendees should be more confident in their ability to:

1. Expand and apply enhanced educational knowledge related to the management of various neurological conditions (behavioral health, movement disorders, cerebrovascular disorders, neuroscience wellness, dementia, rehabilitation, epilepsy, spine disorders, multiple sclerosis, and traumatic brain injury).
2. Apply best practice techniques to treat patients in neurological rehabilitation.
3. Review case examples and studies to guide the treatment of neurological patients at various stages along the care continuum.



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