

# 18th Annual Pediatric Neurology Symposium



April 25-26, 2025

Hyatt Centric • Memphis, Tenn.

Sponsored by the Neuroscience Institute  
at Le Bonheur Children's Hospital



Le Bonheur  
Methodist Healthcare Family Children's Hospital

# *18th Annual* **Pediatric Neurology Symposium** **April 25-26, 2025**

Hyatt Centric • Memphis, Tenn.

## **Overview**

This program aims to enhance the competence and performance of health care providers by improving their understanding of nervous system disorders, emerging therapies and novel imaging modalities. It is designed to shorten diagnosis times, improve diagnostic accuracy and optimize treatment plans, ultimately leading to better patient outcomes. The program will update primary care practitioners, neurologists and other health care professionals on the latest advancements in diagnosing and managing nervous system disorders in both adults and children.

## **Objectives**

**Upon completion of this course, the participant will be able to:**

- Review current clinical updates on Dravet syndrome
- Describe and implement comprehensive strategies in the diagnosis and management of leukodystrophies
- Summarize the diagnosis and treatment of neuro-oncologic emergencies
- Explains the timeline of screening to treatment options of spinal muscular atrophy
- Present updates in pediatric autoimmune neurology
- Discuss the treatment options for curing both brain tumors and epilepsy
- Describe and differentiate fMRI and iMRI as the guides for neurology
- Explain tips for helping patients and families navigating autism spectrum disorder
- Present techniques in stereo-EEG and RNS planning using MEG & TMS
- Review current clinical updates in RNS
- Review current clinical updates in arboviral encephalitis
- Demonstrate the importance of psychologist aid in FND
- Review newer and upcoming clinical anti-seizure medication
- Discuss when seizures are drug resistant
- Analyze and appraise diagnostic information in pediatric cases and recommend treatment interventions and strategies
- Evaluate and explain the current methodologies in diagnosis and treatment of Duchene muscular dystrophy

The symposium program is concerned primarily with improving medical knowledge and improving patient care. The program is designed to fill gaps in medical knowledge and practice, including employing evidence-based medicine. Practice also includes working with interdisciplinary team members when necessary, in addition to better utilization of system resources.

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# Course Director

## James Wheless, BScPharm, MD, FAAP, FACP, FAAN, FAES

Professor, Chief and Le Bonheur Chair in Pediatric Neurology,  
University of Tennessee Health Science Center (UTHSC)  
Director, Le Bonheur Comprehensive Epilepsy Program,  
Co-director, Neuroscience Institute,  
Tom Horton and Donna Wiener Endowed Chair in Neurosciences,  
Le Bonheur Children's Hospital

## Faculty

### Elena Caron, MD

Associate Professor, Pediatric Neurology,  
UTHSC;  
Co-director MDA/Neuromuscular Clinic,  
Le Bonheur Neuroscience Institute,  
Le Bonheur Children's Hospital

### William Dalton, PhD

Pediatric Clinical Psychologist, Behavioral  
Health Consultant  
William Dalton, Private Practice

### Andrea Gropman, MD

Director, Neurometabolic Translational  
Research, Mark F. Tamer Endowed Chair in  
Pediatric Neurology, Member, St. Jude Faculty,  
St. Jude Children's Research Hospital

### Daniel Guillen, MD

Assistant Professor, Pediatric Neurology,  
UTHSC;  
Co-director MDA/Neuromuscular Clinic,  
Le Bonheur Neuroscience Institute,  
Le Bonheur Children's Hospital

### Emily Hanzlik, MD

Instructor, Department of Pediatric Medicine,  
Department of Oncology, Neurology Division,  
Neuro-Oncology Division, St. Jude Faculty,  
St. Jude Children's Research Hospital

### Christen Holder, PhD

Associate Professor, Pediatric Neurology,  
UTHSC;  
Clinical Director, Neuropsychology, Le Bonheur  
Neuroscience Institute, Le Bonheur Children's  
Hospital

### Robin Jack, MD

Associate Professor, Pediatric Neurology,  
UTHSC;  
Pediatric Neurology, Le Bonheur  
Neuroscience Institute, Le Bonheur  
Children's Hospital

### Jorge A. Lee Diaz, MD

Associate Professor, UTHSC  
Pediatric Neuroradiology, Neuroradiology  
Division,  
MRI Safety Physician, Le Bonheur  
Neuroscience Institute, Le Bonheur Children's  
Hospital

### Shalini Narayana, MS, MBBS, PhD

Professor, UTHSC;  
Director of TMS Lab and Translational  
Research, Clinical Neurosciences, Le Bonheur  
Children's Hospital

### Roosbeh Rezaie, PhD

Associate Professor, UTHSC;  
Director, MEG Laboratory, Clinical  
Neurosciences, Le Bonheur Children's Hospital

### Jenny Schmidt, MD

Assistant Professor, UTHSC;  
Pediatric Neurology, Le Bonheur Neuroscience  
Institute, Le Bonheur Children's Hospital

### Namrata Shah, MD, FRCPC

Professor, Pediatric Neurology, UTHSC;  
Pediatric Neurology, Le Bonheur  
Neuroscience Institute,  
Le Bonheur Children's Hospital

### Nir Shimony, MD

Assistant Professor, Neurosurgery, UTHSC;  
Pediatric Neurosurgery, Le Bonheur  
Neuroscience Institute,  
Le Bonheur Children's Hospital  
Semmes Murphey Clinic

### Joseph Sullivan, MD

Professor, Neurology, University of California  
San Francisco (UCSF) Weill Institute for  
Neurosciences  
Director, Pediatric Neurology, UCSF Benioff  
Children's Hospital Pediatric Epilepsy Center  
San Francisco, Calif.

### Sarah Weatherspoon, MD

Associate Professor, Pediatric Neurology,  
UTHSC;  
Co-director, Tuberous Sclerosis Center of  
Excellence, Pediatric Neurology,  
Le Bonheur Neuroscience Institute, Le Bonheur  
Children's Hospital

## Faculty Disclosure

As a provider accredited by The Accreditation Council for Continuing Medical Education (ACCME), Methodist Le Bonheur Healthcare must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director, planning committee, faculty and all others who are in a position to control the content of this educational activity are required to disclose all relationships with ineligible companies. Safeguards against commercial bias have been put in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these financial relationships or absence of relevant financial relationships will be disclosed to the audience.

## Accreditation

Methodist Le Bonheur Healthcare is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Methodist Le Bonheur Healthcare is approved as a provider of Nursing Continuing Professional Development by The Mississippi Nurses Foundation, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

## Credit

Methodist Le Bonheur Healthcare designates this live activity for a maximum of 10.75 *AMA PRA Category 1 Credits*<sup>™</sup>.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Methodist Le Bonheur Healthcare approves this program for up to 10 Nursing Contact Hours.

## Registration Fees

The registration fee is **\$245.00** for physicians and non-health care attendees. The fee is **\$180.00** for nurse practitioners and physician assistants. The fee is **\$95.00** for fellows, residents, nurses and other health care providers. This includes the reception, two breakfasts, two lunches and breaks. Guests of registered attendees may attend the Friday night dinner for an additional **\$40.00**. Full refund will be given for cancellation notice in writing before **April 13, 2025**. Cancellations after that date will be assessed a fee. No refunds will be given after **April 18, 2025**.

Methodist Le Bonheur Healthcare reserves the right to alter, reschedule or cancel this program should circumstances so dictate. For further information, call (901) 516-8933 or visit [www.methodistmd.org](http://www.methodistmd.org).

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## Friday, April 25, 2025

- 7:45 a.m. Registration and Continental Breakfast**
- 8:15 a.m. Welcome, Opening Remarks and Disclosures**  
James Wheless, BScPharm, MD, FAAP, FACP, FAAN, FAES
- 8:30 a.m. *Kayden R. Vinson Distinguished Scholar Award & Lecture - Dravet Syndrome: A Clinical Update***  
Joseph Sullivan, MD
- 9:20 a.m. Comprehensive Strategies in the Diagnosis and Management of Leukodystrophies**  
Andrea Gropman, MD
- 10 a.m. Question and Answer Session**
- 10:15 a.m. Break | Visit Exhibitors**
- 10:40 a.m. Neuro-Oncologic Emergencies: Diagnosis and Treatment**  
Emily Hanzlik, MD
- 11:20 a.m. Spinal Muscular Atrophy: From Newborn Screen Diagnosis to Treatment Options**  
Daniel Guillen, MD
- Noon Lunch | Visit Exhibitors**

### *Hot Topics Symposium*

- 12:50 p.m. Recent Updates in Pediatric Autoimmune Neurology**  
Namrata Shah, MD, FRCPC
- 1:15 p.m. Brain Tumors and Epilepsy: How Do You Cure Both?**  
Nir Shimony, MD
- 1:45 p.m. fMRI and iMRI: A Guide for Neurology**  
Jorge Diaz-Lee, MD
- 2:15 p.m. Autism Spectrum Disorder; Tips for Helping Your Patient & Families**  
Christen Holder, PhD
- 2:45 p.m. Break | Visit Exhibitors**
- 3:15 p.m. Measure (At Least) Twice, Implant Once: Optimizing Stereo-EEG and RNS Planning Using MEG and TMS**  
Shalini Narayana, MS, MBBS, PhD, and Roozbeh Rezaie, PhD
- 3:45 p.m. Responsive Neurostimulation (RNS) in Pediatrics**  
Sarah Weatherspoon, MD
- 4:15 p.m. Arboviral Encephalitis: "Mosquitos and Ticks and Sandflies, Oh My!"**  
Jenny Schmidt, MD
- 4:45 p.m. Functional Neurological Disorders (FNDS): How a Psychologist Can Help**  
William Dalton III, PhD
- 5:30 p.m. Reception**
- 6:00 p.m. Dinner**
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## Saturday, April 26, 2025

7:45 a.m.	<b>Continental Breakfast</b>
8:15 a.m.	<b>Newer Anti-Seizure Medications and Those on the Horizon</b> Joseph Sullivan, MD
9 a.m.	<b>When are Seizures Truly Drug Resistant?</b> James Wheless, BScPharm, MD, FAAP, FACP, FAAN, FAES
9:45 a.m.	<b>Question and Answer Session</b>
10 a.m.	<b>Break   Visit Exhibitors</b>
10:30 a.m.	<b>Pediatric Neurology Case Vignettes: How Would You Handle This?</b> Robin Jack, MD
11:15 a.m.	<b>Duchenne Muscular Dystrophy: Diagnosis and Treatment in the Modern Era</b> Elena Caron, MD
Noon	<b>Closing Comments</b> James Wheless, BScPharm, MD, FAAP, FACP, FAAN, FAES
12:15 p.m.	<b>Box Lunch</b>

## Scholarship Opportunities

A limited number of scholarships for pediatric neurology residents are available through unrestricted educational grants. Scholarships cover the cost of tuition and one night of lodging. Candidates interested in attending should send a letter from your program director along with the registration form to the address below:

**Attn: James Wheless, MD**  
**Le Bonheur Children's Hospital**  
49. N. Dunlap, 3rd Floor, Pediatric Neurology  
Memphis, TN 38103

## Conference Materials

Conference materials will be available electronically following the conference on **May 2, 2025**. Prior to the conference you will receive a link and password via email to access conference materials.

## Conference Site & Hotel Accommodations

### Hyatt Centric

33 Beale St. • Memphis, TN 38103 • (901) 444-3232

Valet Parking Available

Visit [lebonheur.org/neuro-room-block](https://lebonheur.org/neuro-room-block) to book your room.

All hotel reservations must be made before **March 25, 2025**.

## Area Attractions

Please refer to the website [www.memphistravel.com](https://www.memphistravel.com) for a list of Memphis attractions and details.

To register for the conference online, visit  
[lebonheur.org/conference-registration](https://lebonheur.org/conference-registration)

To learn more about the **Le Bonheur Neuroscience Institute**, visit  
[lebonheur.org/neuroscience](https://lebonheur.org/neuroscience)



*18th Annual*  
**Pediatric Neurology Symposium**  
**April 25-26, 2025**  
**Program Registration Form**

Name: \_\_\_\_\_

Degree: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Name of Hospital or Clinic: \_\_\_\_\_

Phone: (    ) \_\_\_\_\_ Fax: (    ) \_\_\_\_\_

Specialty: \_\_\_\_\_ NPI#: \_\_\_\_\_

Email: \_\_\_\_\_

- ☐ Registrant and guest will attend reception and entertainment on Friday.  
(Number attending \_\_\_\_\_) (An additional **\$40.00** for each person  
that is not a registered conference attendee.)

**Method of Payment**

☐ Check for \$ \_\_\_\_\_ enclosed (payable to Methodist Le Bonheur Healthcare)

☐ Credit Card: Charge \$ \_\_\_\_\_ to my:

☐ American Express    ☐ MasterCard    ☐ VISA    ☐ Discover

Credit Card #: \_\_\_\_\_

Exp. Date: \_\_\_\_\_ CSC #: \_\_\_\_\_

Cardholder's Name: \_\_\_\_\_  
(Please print)

Signature: \_\_\_\_\_  
(Cardholder signature)

Statement Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

**Online registration available at [lebonheur.org/conference-registration](http://lebonheur.org/conference-registration) or  
mail your completed registration form and fees to:**

**Continuing Medical Education • Methodist Le Bonheur Healthcare**  
251 S. Claybrook, Ste. 512 • Memphis, TN 38104  
Phone: (901) 516-8933

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Memphis, Tennessee 38103