Program Preview

72ND ANNUAL MEETING | ERNEST N. MORIAL CONVENTION CENTER
WHERE YOU BELONG

From best practices to breakthrough thinking, the AES Annual Meeting offers the most extensive education on everything epilepsy. As the largest gathering on epilepsy in the world, the AES Annual Meeting is the event for epilepsy professionals in academia, clinical practice, industry, and advocacy.

This is where you belong. Join us in New Orleans for an opportunity to learn and network with the brightest minds in epilepsy. Find out more at meeting.aesnet.org
2018 AES Annual Meeting Dates
Friday, November 30 - Tuesday, December 4

Registration Opens
Tuesday, July 10

Early Bird Deadline
Monday, October 15

Meeting Location
Ernest N. Morial Convention Center
900 Convention Center Boulevard
New Orleans, LA 70130

Headquarters Hotel
New Orleans Marriott
555 Canal Street
New Orleans, LA 70130

Exhibit Hall
The Exhibit Hall highlights the latest in scientific equipment, technology, publications, and pharmaceuticals in the field of epilepsy. View the list of 2018 exhibitors and the exhibit hall floor plan on the AES website.

Who Attends the AES Annual Meeting
Basic Researchers
Clinical Researchers
Epilepsy Coordinators
Epileptologists
Fellows
General Practitioners
Geneticists
Healthcare Administrators
Medical Students and Residents
Neurologists
Neuropsychologists
Neuroscience Researchers
Neurosurgeons
Nurse Practitioners
Nutritionists
Patient Advocates
Pediatricians
Pediatric Neurologists
Pharmacists
Physicians Assistants
Psychiatrists
Psychologists
Registered Nurses
Scientists
Social Workers
Translational Researchers

Welcoming Environment
AES welcomes attendees with special needs and fully complies with the legal requirements of the Americans with Disability Act. Please indicate when registering if you need accommodations to participate in the meeting. Please make your request by Friday, November 9.

The American Epilepsy Society is committed to supporting educational and scientific dialogue, and to fostering a welcoming community in which all participants can contribute fully. Reflecting these values, AES will not tolerate harassment in any form. To learn more, visit our website.
# Schedule at a Glance

<table>
<thead>
<tr>
<th>Session Name</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
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</thead>
<tbody>
<tr>
<td><strong>Basic Science Skills Workshops</strong></td>
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<tr>
<td>** Investigators Workshops**</td>
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<tr>
<td><strong>Lectures</strong></td>
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<tr>
<td>Judith Hoyer Lecture</td>
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<td>Lennox and Lombroso Lecture</td>
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<td><strong>Posters</strong></td>
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<tr>
<td><strong>Scientific Exhibits</strong></td>
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<td><strong>SIG Sessions</strong></td>
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<td><strong>Clinical Skills Workshops</strong></td>
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<td><strong>Symposia</strong></td>
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<td>Annual Course</td>
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<td>Annual Fundamentals Symposium</td>
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<td>CAAE-AES Symposium</td>
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<td>Epilepsy Specialist Symposium</td>
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<td>Epilepsy Therapies Symposium</td>
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<td>Hot Topics Symposium</td>
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<td>Interprofessional Care Symposium</td>
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<td>Merritt-Putnam Symposium</td>
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<td>Pediatric State of the Art Symposium</td>
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<td>Presidential Symposium</td>
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<tr>
<td>Scientific Symposium</td>
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<tr>
<td>Spanish Symposium</td>
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REGISTRATION

Registration Hours
Thursday, November 29  5:00 PM - 8:00 PM
Friday, November 30  7:00 AM - 5:00 PM
Saturday, December 1  7:00 AM - 5:00 PM
Sunday, December 2  7:00 AM - 5:00 PM
Monday, December 3  7:00 AM - 5:00 PM
Tuesday, December 4  7:00 AM - 1:00 PM

Exhibit Hall Hours
Saturday, December 1  Noon - 6:00 PM
Sunday, December 2  10:00 AM - 4:00 PM
Monday, December 3  10:00 AM - 2:00 PM

Innovation Pavilions
Located inside the Exhibit Hall, the Innovation Pavilions offer a unique experience for clinicians and researchers to learn more about state-of-the-art epilepsy products, technology, and patient programs. Stop by Saturday, Sunday, and Monday to learn more!

7th Annual AES Wine Tasting and Silent Auction
Saturday, December 1, 7:00–10:00 PM
The Pelican Club, 312 Exchange Place, New Orleans
Tickets are available for $175 per person. Proceeds will benefit the Susan S. Spencer Fund for Clinical Research and Education and the Lennox and Lombroso Trust for Research and Training.

Travel Information
New Orleans Hotel Reservations
Before you book your hotel reservation, please review the 2018 schedule.

TIP
Book your hotel room through Experient, Inc., and use our complimentary shuttles service between several AES preferred hotels and the Morial Convention Center.

TIP
Confirm your hotel reservation at the same time you register for the meeting and you’ll save $50 off registrations made by Monday, October 15.

SAVE
Make sure your hotel is booked securely by confirming your reservation through Experient, Inc., at the same time you register for the meeting. Experient, Inc., is the only hotel registration provider approved by the American Epilepsy Society.
<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>CRITERIA/DESCRIPTION</th>
<th>ELIGIBLE TO CLAIM CME/CE</th>
<th>ELIGIBLE FOR REGISTRATION DISCOUNT</th>
<th>THROUGH OCTOBER 15</th>
<th>BEGINS OCTOBER 16</th>
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<tbody>
<tr>
<td></td>
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<tr>
<td>Physician</td>
<td>Attendees who have a medical degree, such as MD, DO, or MBBS, and have completed training.</td>
<td>Yes</td>
<td>Yes</td>
<td>$735</td>
<td>$1,335</td>
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<td>$1,060</td>
<td>$1,635</td>
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<tr>
<td>Scientist</td>
<td>Researchers without a medical degree. Physicians may not register for this category.</td>
<td>No</td>
<td>Yes</td>
<td>$465</td>
<td>$725</td>
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<td></td>
<td>$650</td>
<td>$875</td>
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<tr>
<td>Health Care Provider</td>
<td>Professionals who care for patients, such as nurse practitioners, nurses, pharmacists, psychologists, physician assistants, and technologists. Physicians may not register for this category.</td>
<td>Yes</td>
<td>Yes</td>
<td>$465</td>
<td>$725</td>
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<td></td>
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<td></td>
<td></td>
<td>$650</td>
<td>$875</td>
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<tr>
<td>Trainee</td>
<td>Residents, fellows, and postdocs.</td>
<td>Yes</td>
<td>Yes</td>
<td>$300</td>
<td>$560</td>
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<td>$520</td>
<td>$685</td>
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<tr>
<td>Coordinator/Assistant</td>
<td>Research coordinators and research or laboratory assistants.</td>
<td>No</td>
<td>No</td>
<td>$300</td>
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<td>$520</td>
<td>$520</td>
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<tr>
<td>Student</td>
<td>Undergraduate, graduate, or medical school student.</td>
<td>No</td>
<td>Yes</td>
<td>$155</td>
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<td>$205</td>
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<tr>
<td>Advocate</td>
<td>Staff of nonprofit in epilepsy, person with epilepsy, family member, or caregiver. Physicians may not register for this category.</td>
<td>No</td>
<td>Yes</td>
<td>$270</td>
<td>$270</td>
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<td>$485</td>
<td>$485</td>
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<tr>
<td>One-Day</td>
<td>Open to all registrant categories.</td>
<td>Yes</td>
<td>No</td>
<td>$345</td>
<td>$475</td>
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<td>$500</td>
<td>$625</td>
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<tr>
<td>Two-Day</td>
<td>Open to all registrant categories.</td>
<td>Yes</td>
<td>Yes</td>
<td>$655</td>
<td>$910</td>
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<td>$960</td>
<td>$1,220</td>
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<tr>
<td>Industry</td>
<td>Industry employees who do not fit other categories (e.g., physician, scientist, healthcare provider) and who wish to attend educational programming. Physicians, scientists, and healthcare providers should register as such in their respective categories.</td>
<td>No</td>
<td>No</td>
<td>$465</td>
<td>$465</td>
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<tr>
<td>Resource-Limited Country</td>
<td>Individuals living and working in low-income economies, as defined by the World Bank.</td>
<td>No</td>
<td>No</td>
<td>$250</td>
<td>$250</td>
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</tbody>
</table>

Please note:

1. Using a preferred hotel offers you easy access to the Annual Meeting, including access to shuttle routes for some hotels. These hotels also offer a discounted rate and help offset overall meeting expenses. Book your hotel when you register and receive a $50 registration discount. Restrictions apply. Please see meeting.aesnet.org for more details.

2. AES members registering in the Physician category may add an assistant/coordinator to their meeting registration; coordinators and assistants wishing to attend without a physician must register in the Health Care Provider or Scientist categories.

3. Individuals residing and working in Resource-Limited Countries, defined as low-income economies by the World Bank, may register online only for the five-day program at a reduced rate. Fees are determined based on the country. No other discounts are available with this rate.

4. Additional registration fees apply for the Skills Workshops and the 7th Annual Wine Tasting and Silent Auction.
Preferred Hotels

Numbers correspond to number on city map. Rates below do not include tax.

1. **New Orleans Marriott**
   - Rate: $213 Single/Double

2. **Sheraton New Orleans**
   - Rate: $213 Single/Double

3. **Hilton New Orleans Riverside**
   - Rate: $199 Classic Rooms
   - $209 View Rooms

4. **Embassy Suites**
   - Hotel New Orleans Convention Center and Lofts Club Tower
   - Rate: $179

5. **Courtyard New Orleans Downtown / Convention Center**
   - Rate: $197

6. **SpringHill Suites New Orleans Downtown / Convention Center**
   - Rate: $199 Single/Double

7. **New Orleans Downtown Marriott at the Convention Center**
   - Rate: $213 Single/Double

8. **Hyatt Place New Orleans Convention Center**
   - Rate: $219 Single/Double

9. **Hilton Garden Inn New Orleans Convention Center**
   - Rate: $199

10. **New Orleans Ernest N. Morial Convention Center**
    - 900 Convention Center Boulevard

11. **7th Annual AES Wine-Tasting and Silent Auction**
    - The Pelican Club
    - 312 Exchange Place
HOTEL INFORMATION

Hotel Deadlines
Confirm your hotel reservations early as rooms often sell out quickly.

**Monday, October 1:** Room block requests (10 or more rooms on peak night)

**Tuesday, October 9:** Room block reservations; rooming list (10 or more rooms on peak night)

**Tuesday, November 6:** Individual hotel reservations deadline

**Monday, November 19:** A one-night, non-refundable deposit (room and tax) will be charged to your credit card after this date.

Questions?
(800) 974-9769 (US and Canada)
(847) 996-5892 (International)
Available Monday - Friday, 9:00 AM - 5:00 PM (CT)
Email: aes@experient-inc.com

Attendee Alert
As the AES meeting has grown more popular, more companies are targeting meeting attendees with fraudulent or misleading offers for hotel reservations or meeting registration. These offers may appear to be for lower rates; however, they may be illegitimate, have unreasonable cancellation or change penalties, or be completely non-refundable.

• Experient is the only approved provider for meeting registration and hotel reservations for the 2018 Annual Meeting. To start a registration or reservation with Experient, please visit our website.

• No other company is approved by the American Epilepsy Society to offer hotel reservations for meeting attendees. Please report any unauthorized solicitation to AES at membership@aesnet.org.

• AES is able to assist guests only with reservation confirmed through Experient, the official registration and housing provider.

• Requests for hotel reservations related to the meeting are not accepted directly by participating hotels or AES staff.
TRAVEL INFORMATION

Traveling to New Orleans
The Louis Armstrong New Orleans International Airport offers about 150 daily departures with 57 nonstop destinations, including London and Frankfurt. Train service is also available via Amtrak. http://www.flymsy.com/
The airport is located about 16 miles from the New Orleans Marriott, the AES headquarter hotel, and the Convention Center. The travel time is about 30 minutes, depending on time of day.

Amtrak
New Orleans Union Passenger Terminal is located at 1001 Loyola Avenue. Details for discounted travel will be available by the end of this summer. https://www.amtrak.com/routes/city-of-new-orleans-train.html

Getting Around New Orleans
Complimentary Shuttle Service
AES shuttles are available to attendees who book their hotel reservations with the AES hotel block. The shuttle will run between
• Morial Convention Center
• New Orleans Marriott
• Sheraton New Orleans
• Hilton New Orleans Riverside
TRAVEL INFORMATION

Walking
Hotels closest to the Convention Center:
• Courtyard New Orleans Downtown/Convention Center
• Embassy Suites Hotel New Orleans Convention Center and Lofts Club Tower
• Hyatt Place New Orleans Convention Center
• Hilton Garden Inn New Orleans Convention Center
• New Orleans Downtown Marriott at the Convention Center
• SpringHill Suites New Orleans Downtown/Convention Center

Ground Transportation
Detailed information is available on the airport website for airport shuttles, car rentals, mass transit, and taxicabs. http://www.flymsy.com/groundtransportation

Airport Shuttle New Orleans: (866) 596-2699 or (504) 522-3500 https://www.airportshuttleneworleans.com/

SuperShuttle: (800) 258-3826 (800-BLUEVAN) or (504) 207-4949. The service offers shared rides or private service. https://www.supershuttle.com/locations/neworleansmsy/

Taxicabs: Cabs are easily available to/from the airport, train station, hotels, and restaurants.

Regional Transit Authority (RTA): http://www.norta.com/Getting-Around/Getting-to-the-Airport
Street cars and buses are available to/from the airport, as well as selected downtown routes. Three lines offer service to different parts of the city: St. Charles, Canal Street, and the Riverfront.

For International Travelers
Letter of Invitation
For security purposes, letters of invitation are available only after you have completed registering for the Annual Meeting. Please check the appropriate box while registering and a letter will be emailed to the address you listed after your registration is completed. For questions, please contact aes@experient-inc.com.

Consulates and Embassies: Please check with your local U.S. consulate or embassy to find out the earliest that you may apply for a visa at www.usembassy.gov. You are encouraged to apply as early as possible.

Visa Application information (https://travel.state.gov/content/travel.html): Applicants should first consult the U.S. Department of State’s visa appointment and processing wait times website. Important timelines and information regarding travel to the United States is available on the U.S. government websites:
https://www.cbp.gov/travel/international-visitors/esta
https://travel.state.gov/content/travel/en/us-visas.html
If you are experiencing significant visa delays, you are encouraged to complete the visa survey. This will bring your case to the attention of the U.S. Department of State.

International Group Registration and Housing
International group coordinators may submit a request for housing packages. Discounted registration rates are also available. Please visit the AES website for details.

Questions?
Please contact the AES Global Coordinator at (847) 996-5524 or aesgroups@experient-inc.com
### Friday, November 30

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td><strong>Epilepsy Specialist Symposium</strong></td>
<td>8:30 AM - 11:30 AM</td>
<td>CME and CE</td>
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<tr>
<td>Intracranial EEG in the 21st Century</td>
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<tr>
<td>Career Pathways in Epilepsy Care and Research</td>
<td>10:15 AM - 11:30 AM</td>
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<td><strong>Annual Fundamentals Symposium</strong></td>
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<td>CME and CE</td>
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<tr>
<td>Epilepsy on the Consult Service</td>
<td>12:30 PM - 3:00 PM</td>
<td>CME and CE</td>
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<tr>
<td><strong>Epilepsy Fellowship Program Directors Meeting</strong></td>
<td>1:00 PM - 3:00 PM</td>
<td>CME</td>
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<tr>
<td><strong>CME &amp; CE</strong></td>
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<tr>
<td>Coding: New VNS, RNS, and CPT Codes</td>
<td>1:30 PM - 3:00 PM</td>
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<tr>
<td><strong>Dietary Therapies SIG</strong></td>
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<tr>
<td>Advances in Dietary Therapies, Including Updates from Jeju</td>
<td>1:30 PM - 3:00 PM</td>
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<td><strong>Ictal Semiology SIG</strong></td>
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<tr>
<td>Case Studies in Seizure Semiology</td>
<td>1:30 PM - 3:00 PM</td>
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<tr>
<td><strong>Professional Wellness in Epilepsy Care SIG</strong></td>
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<td>Professional Burnout in Health Professionals Caring for Persons with Epilepsy</td>
<td>1:30 PM - 3:00 PM</td>
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<td><strong>Temporal Lobe Club SIG</strong></td>
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<tr>
<td>Noninvasive Recording of Pathological High Frequency Oscillations</td>
<td>1:30 PM - 3:00 PM</td>
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<tr>
<td><strong>Tuberous Sclerosis SIG</strong></td>
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<tr>
<td>Neurocognitive Comorbidities of Epilepsy in TSC: Overlapping Mechanisms and Therapeutic Strategies.</td>
<td>1:30 PM - 3:00 PM</td>
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<tr>
<td><strong>Spanish Symposium</strong></td>
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<tr>
<td>Controversies in the Management of Refractory Epilepsy</td>
<td>3:30 PM - 6:00 PM</td>
<td>CME and CE</td>
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<tr>
<td><strong>The Judith Hoyer Lecture in Epilepsy</strong></td>
<td>4:00 PM - 5:30 PM</td>
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<tr>
<td><strong>Basic Science Skills Workshop</strong></td>
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<td>Tissue Clearing for the 3D Histological Visualization and Characterization of Brain Tissue</td>
<td>6:00 PM - 7:30 PM</td>
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<tr>
<td><strong>Basic Science Skills Workshop</strong></td>
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<tr>
<td>Viral Approaches for Anatomical Tracing and Functional Connectivity in Epilepsy Circuits</td>
<td>6:00 PM - 7:30 PM</td>
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<tr>
<td><strong>Psychosocial Comorbidities SIG</strong></td>
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<tr>
<td>Stigma and Epilepsy</td>
<td>6:00 PM - 7:30 PM</td>
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<tr>
<td><strong>Scientific Publishing SIG</strong></td>
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<tr>
<td>Writing Good Review Articles, Being a Helpful Peer Reviewer, and Making the Most of Reviewers’ Comments</td>
<td>6:00 PM - 7:30 PM</td>
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<tr>
<td><strong>Stereoelectroencephalography (SEEG) SIG</strong></td>
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<tr>
<td>The Utility of SEEG, Cortical Stimulation, and Minimally Invasive Techniques in Lesional Epilepsy</td>
<td>6:00 PM - 7:30 PM</td>
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<tr>
<td><strong>Tumor Related Epilepsy SIG</strong></td>
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<tr>
<td>Tumor-Related Epilepsy: Approach and Treatment of Seizures, Tumor Burden, and Key QOL (Quality of Life) Issues That Are Subject to Change in the Postoperative State</td>
<td>6:00 PM - 7:30 PM</td>
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<tr>
<td><strong>Women’s Issues in Epilepsy SIG</strong></td>
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<tr>
<td>Prenatal Counseling About Genetic Risks of Epilepsy</td>
<td>6:00 PM - 7:30 PM</td>
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Visit meeting.aesnet.org for full program information.
### Saturday, December 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 AM - 8:30 AM</td>
<td><strong>Cognitive and Behavioral Treatment SIG</strong>&lt;br&gt;Integrating Behavioral Health into Epilepsy Care: Addressing Barriers</td>
</tr>
<tr>
<td>7:00 AM - 8:30 AM</td>
<td><strong>Engineering/Neurostimulation SIG</strong>&lt;br&gt;Using Network Analysis to Augment EEG Interpretation</td>
</tr>
<tr>
<td>7:00 AM - 8:30 AM</td>
<td><strong>Epilepsy Surgery SIG</strong>&lt;br&gt;Mavericks: Patients with Unexpected Successes or Failures in Epilepsy Surgery</td>
</tr>
<tr>
<td>7:00 AM - 8:30 AM</td>
<td><strong>Genetics SIG</strong>&lt;br&gt;The New Frontier: Genetics of Adult Epilepsy</td>
</tr>
<tr>
<td>7:00 AM - 8:30 AM</td>
<td><strong>Global Health SIG</strong>&lt;br&gt;Global Health Projects in Epilepsy: Ideas and Challenges</td>
</tr>
<tr>
<td>7:00 AM - 8:30 AM</td>
<td><strong>Intractable Generalized Epilepsy SIG</strong>&lt;br&gt;Intractable Generalized Epilepsy: Approach and Management</td>
</tr>
<tr>
<td>7:00 AM - 8:30 AM</td>
<td><strong>Junior Investigator Roundtable</strong></td>
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<tr>
<td>7:00 AM - 8:30 AM</td>
<td><strong>NIH and Non-Profit Research Resources/Junior Investigator Workshop SIG</strong>&lt;br&gt;First Steps First: Finding Initial Research Funding and Compelling Research Aims</td>
</tr>
<tr>
<td>7:00 AM - 8:30 AM</td>
<td><strong>Pediatric Epilepsy Case Discussion SIG</strong>&lt;br&gt;Pediatric Epilepsy Case Discussion: Diagnostic and Treatment Challenges</td>
</tr>
<tr>
<td>7:00 AM - 8:30 AM</td>
<td><strong>Psychogenic Non-Epileptic Seizures SIG</strong>&lt;br&gt;One Disorder or Distinct Subgroups That Just Happen to Have Seizures?</td>
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<tr>
<td>7:00 AM - 8:30 AM</td>
<td><strong>Merritt-Putnam Symposium</strong>&lt;br&gt;The Neurobiology of Memory in Epilepsy (CME)</td>
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<tr>
<td>9:00 AM - 10:30 AM</td>
<td><strong>Neuroendocrinology SIG</strong>&lt;br&gt;Clinical Potential of Neurosteroids in Epilepsy</td>
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<td>9:00 AM - 10:30 AM</td>
<td><strong>Neuroimaging SIG</strong>&lt;br&gt;The Changing Face of Focal Cortical Dysplasia</td>
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<tr>
<td>9:00 AM - 10:30 AM</td>
<td><strong>Neuropsychology SIG</strong>&lt;br&gt;Language: Methods for Preoperative Mapping and Prediction of Postoperative Outcome</td>
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<tr>
<td>9:00 AM - 10:30 AM</td>
<td><strong>Nursing SIG</strong>&lt;br&gt;Nursing Roles in Epilepsy: Where Are We Heading? (CME)</td>
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<tr>
<td>9:00 AM - 10:30 AM</td>
<td><strong>Quality and Safety SIG</strong>&lt;br&gt;Quality Measures in the EMU</td>
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<tr>
<td>9:00 AM - 10:30 AM</td>
<td><strong>Seizures and Cerebrovascular Disease SIG</strong>&lt;br&gt;Hot Topics in Seizures and Cerebrovascular Disease</td>
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<tr>
<td>9:00 AM - 10:30 AM</td>
<td><strong>Poster Session 1</strong>&lt;br&gt;Authors Present</td>
</tr>
<tr>
<td>2:30 PM - 4:00 PM</td>
<td><strong>Investigators Workshop</strong>&lt;br&gt;Do Rodent Models of Generalized Absence Seizures Represent Human Disease or Simply Normal Rodent Behavior?</td>
</tr>
<tr>
<td>2:30 PM - 4:00 PM</td>
<td><strong>Investigators Workshop</strong>&lt;br&gt;Genes, Models, and Imaging in Lennox-Gastaut Syndrome</td>
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<tr>
<td>2:30 PM - 4:00 PM</td>
<td><strong>Investigators Workshop</strong>&lt;br&gt;Overcoming Obstacles of Pediatric Presurgical Functional Mapping: Is Transcranial Magnetic (TMS) the New Kid on the Block?</td>
</tr>
<tr>
<td>5:30 PM - 8:00 PM</td>
<td><strong>Interprofessional Care Symposium</strong>&lt;br&gt;Ethical Considerations That Impact Professionals Caring for the Patient with Epilepsy</td>
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<tr>
<td>5:30 PM - 8:00 PM</td>
<td><strong>Pediatric State of the Art Symposium</strong>&lt;br&gt;Metabolism-Based and Ketogenic Therapies for Epilepsy: A Translational Approach</td>
</tr>
</tbody>
</table>
SUNDAY, DECEMBER 2

**Annual Course**
Controversies in the Management of Difficult Epilepsies
8:45 AM - 5:15 PM
CME and CE

**Investigators Workshop**
Induced Pluripotent Stem Cell Strategies to Study Neurological Disorders
8:45 AM - 10:15 AM

**Investigators Workshop**
Neuroimaging Connectivity Studies in Temporal Lobe Epilepsy and Implications for Surgical Therapy
8:45 AM - 10:15 AM

**Investigators Workshop**
Optical Studies of Inhibition and Excitation at Seizure Onset in Acquired and Evoked Epilepsy
8:45 AM - 10:15 AM

**Investigators Workshop**
Astrocytes in Epilepsy: Cause or Consequence?
10:30 AM - 12:00 PM

**Investigators Workshop**
Harnessing Complexity for Therapeutic Gain
10:30 AM - 12:00 PM

**Investigators Workshop**
The Storm Before the Quiet: Basic Mechanisms of SUDEP
10:30 AM - 12:00 PM

**Investigators Workshop**
Poster Session and Lunch
NOON - 1:30 PM

**Poster Session 2**
10:00 AM - 4:00 PM
Authors Present
NOON - 2:00 PM

**Investigators Workshop**
7T MRI: a Translational Frontier in Epilepsy
1:30 PM - 3:00 PM

**Investigators Workshop**
GATORopathies: the Role of Amino Acid Regulatory Protein Mutations in Epilepsy and Cortical Malformations
1:30 PM - 3:00 PM

**Investigators Workshop**
Hot Topics from Young Investigators in the Epilepsy Community
1:30 PM - 3:00 PM

**Investigators Workshop**
Inhibition in the Epilepsies: Problematic or Therapeutic?
3:15 PM - 4:45 PM

**Investigators Workshop**
Therapeutic Trials for Neonatal Seizures
3:15 PM - 4:45 PM

**Investigators Workshop**
Using Big Data for Basic, Translational, and Clinical Research in Epilepsy
3:15 PM - 4:45 PM

**Clinical Epilepsy for the Advanced Practice Provider (APP) SIG**
The Role of Advanced Practice Providers in Epilepsy Care
6:00 PM - 7:30 PM

**Critical Care Epilepsy and EEG SIG**
Evidence-Based Critical Care Epilepsy and EEG
6:00 PM - 7:30 PM

**Epilepsy Education SIG**
Novel Epilepsy Education Mechanisms
6:00 PM - 7:30 PM

**Neuropharmacology SIG**
Medication Failure: Possible Explanations
6:00 PM - 7:30 PM

**Poster Session**
Contributions of a Diverse Professional Community
6:00 PM - 7:00 PM
MONDAY, DECEMBER 3

**Children’s Hour SIG**
Preventing Epilepsy: Myth or Reality?
7:00 AM - 8:30 AM

**Data Science SIG**
Superintelligence: When AI Can Do Things Humans Cannot
7:00 AM - 8:30 AM

**EEG SIG**
Machine Learning Analyses of EEG for Artificial Intelligence Interpretation
7:00 AM - 8:30 AM

**Epilepsy and Aging SIG**
Cognitive Function in Adult Epilepsy
7:00 AM - 8:30 AM

**Sleep and Epilepsy SIG**
Sleep in Neurologic Disorders
7:00 AM - 8:30 AM

**Translational Research SIG**
Translating Novel Interventions from the Bench to the Clinic
7:00 AM - 8:30 AM

**Presidential Symposium**
Febrile Status Epilepticus
8:45 AM - 11:45 AM
CME and CE

**Poster Session 3**
8:00 AM - 2:00 PM
Authors Present
NOON - 2:00 PM

**Lennox and Lombroso Lecture**
Eugenics, Lennox, and the Values of the American Epilepsy Society
2:00 PM - 3:15 PM

**Investigators Workshop**
Bridging Imaging and Genetics: Focus on Endophenotypes
3:15 PM - 4:45 PM

**CAAE-AES Symposium (China Association Against Epilepsy)**
Epilepsy Surgery and Neuromodulation in Its Context
3:15 PM - 5:15 PM

**Scientific Symposium**
Losing Sleep Over Seizures: Does Sleep Matter?
5:45 PM - 8:15 PM
CME and CE
Basic Mechanisms and Neuroscience SIG
mTOR Signaling in Epilepsy
7:00 AM - 8:30 AM

Epidemiology SIG
Epilepsy is Common and Rare: Epidemiology for a Heterogeneous Disorder
7:00 AM - 8:30 AM

MEG/MSI SIG
Realistic Maps of Epileptic Source Extent from MEG: Fact or Fiction?
7:00 AM - 8:30 AM

Private Practice SIG
The Many Paths to Happiness: Different Models of Private Practice Epilepsy
7:00 AM - 8:30 AM

Sudden Unexpected Death in Epilepsy (SUDEP) SIG
SUDEP: Emerging Candidate Biomarkers and Points for Intervention
7:00 AM - 8:30 AM

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Epilepsy Therapies Symposium
Practical Clinical Pearls for Advanced Outpatient Epilepsy Management in 2019
8:45 AM - 10:45 AM
CME and CE

Skills Workshop
Genetics Testing in Epilepsy Patients
11:00 AM - 12:30 PM

Skills Workshop
Intracranial Electrode Studies: How Do You Choose a Technique for Optimum Localization?
11:00 AM - 12:30 PM

Skills Workshop
Optimal Use of Neuroimaging in Diagnosing and Treating Epilepsy
11:00 AM - 12:30 PM

Skills Workshop
Pearls of Video EEG Monitoring
11:00 AM - 12:30 PM

Skills Workshop
Routine EEG in Epilepsy: Fundamentals and Interpretation
11:00 AM - 12:30 PM

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Skills Workshop
Routine EEG in Epilepsy: Fundamentals and Interpretation
12:45 PM - 2:15 PM

Skills Workshop
Treating Patients with Psychogenic Nonepileptic Seizures
12:45 PM - 2:15 PM

Thank You For Attending!
Host Your Event
In Conjunction With (ICW) or Concurrent Events
Meeting space requests for ICW/concurrent events will open by Thursday, August 30. All industry and other meetings and events including alumni reunions, receptions, board meetings and committee meetings must be approved and confirmed by AES in advance. Limited meeting space will be available at the New Orleans Marriott, Sheraton New Orleans, and Ernest N. Morial Convention Center. Detailed guidelines including fees and allowed times will be available on the AES website.

Industry Satellite CME Symposia
AES policy allows industry satellite symposia to be offered at the Annual Meeting. The symposia cannot duplicate the educational content of the 2018 AES Annual Meeting. AES does not accredit satellite symposia and requires that each program be developed and delivered by an ACCME-accredited provider. Acceptable educational formats for an industry satellite symposium include presentations by speakers, panel discussions, workshops and video presentations. View the application here.

Education Program Information

Statement of Need
The need for this activity has been determined based on identifying professional practice gaps, previous course evaluations, and AES Self-Assessments. The educational content of this activity was based upon current issues and topics provided by the Annual Meeting Committee and membership.

Target Audience
Neurologists, epileptologists, pediatric neurologists, nurses, psychologists, neuropsychologists, nurse practitioners, physician assistants, pharmacists, researchers, and scientists.

Global Learning Objectives
This comprehensive educational meeting provides learners with opportunities to:
1. Increase knowledge about the diagnosis and treatment, including novel diagnostic methods and therapeutic modalities of, various manifestations of epilepsy and common comorbidities to enhance clinical practice and improve patient outcomes.
2. Be informed about the latest research developments in epilepsy that may translate into clinical care and human therapy in the near future.
3. Consider the public health implications of epilepsy and the impact of the disease on patients, communities, and health systems.

NOTE: Each session has its own specific learning objectives, which will be included within the program book.

Accreditation
This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education. The American Epilepsy Society (AES) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA PRA Category 1 Credit™ Designation
The American Epilepsy Society designates this live educational activity for a maximum of 29.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

International Credits
The American Medical Association has determined that non-U.S. licensed physicians who participate in this CME activity are eligible for AMA PRA Category 1 Credits™.

Physician Assistants
AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credits™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 29.0 hours of Category 1 credit for completing this program.
Continuing Education for Nurses and Pharmacists

CE credit provided by AKH Inc., Advancing Knowledge in Healthcare, Inc. This activity is eligible for ANCC and ACPE credit. See final CE activity announcement for specific details.

Credit Claim

Refer to the website for details and instructions about CME and CE credit claiming post activity.

Disclosure Policy and Resolution of Conflicts of Interest

It is the policy of the American Epilepsy Society to ensure balance, independence, objectivity, and scientific rigor. All individuals involved in the selection, development, and presentation of content are required to disclose any real or apparent conflicts of interest. Conflicts of interest will be resolved by AES prior to an educational activity being delivered to learners. In accordance with the ACCME Standards for Commercial Support of CME, AES implemented the mechanisms of prospective peer review of this CME activity, to identify and resolve any conflicts. Additionally, the content of this activity is based on the best available evidence.

Unapproved Use Disclosure

The American Epilepsy Society requires CME authors to disclose to learners when products or procedures being discussed are off-label, unlabeled, experimental, and/or investigational (not FDA approved); and any limitations on the information that is presented, such as data that are preliminary or that represent ongoing research, interim analyses, and/or unsupported opinion. This information is intended solely for continuing medical education and is not intended to promote off-label use of these medications. If you have questions, contact the medical affairs department of the manufacturer for the most recent prescribing information. Information about pharmaceutical agents/devices that is outside of U.S. Food and Drug Administration approved labeling may be contained in this activity.

Disclaimer

This CME activity is for educational purposes only and does not constitute the opinion or endorsement of, or promotion by, the American Epilepsy Society. Reasonable efforts have been taken to present educational subject matter in a balanced, unbiased fashion, and in compliance with regulatory requirements. However, each activity participant must always use his or her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label, investigational, and/or experimental uses.

Annual Meeting Session Descriptions

The AES Annual Meeting offers high-quality educational programming across diverse work settings, professional roles, and experience levels. Whether you are just starting with the specialty, have a limited background in epilepsy, or are highly fluent with complex topics, you will find sessions and content relevant to your needs. View up-to-date program information here.

Content Categories

Basic: Those new to epilepsy treatment or whose background in the specialty is limited, e.g., students, residents, general physicians, general neurologists, and neurosurgeons, other professionals in epilepsy care, administrators.

Intermediate: Epilepsy fellows, epileptologists, epilepsy neurosurgeons, and other providers with experience in epilepsy care (e.g., advanced practice nurses, nurses, physician assistants), neuropsychologists, psychiatrists, and basic and translational researchers.

Advanced: Address highly technical or complex topics (e.g., neurophysiology, advanced imaging techniques or advanced treatment modalities, including surgery.)

Session Descriptions

Symposia: Provide the major educational activities at the Annual Meeting. Topics range from clinically oriented presentations reviewing common issues.
in epilepsy to more complex topics combining basic sciences and clinical neurology. While target audiences differ, all symposia include discussion of clinically relevant information.

**Special Interest Groups (SIG):** Offer information and networking for attendees with similar interests, in sessions organized by AES members. Although the sizes of SIG sessions vary, all lend themselves to active participation and dialogue.

**Special Lectures:** Recognize the accomplishments of distinguished leaders in clinical epilepsy and research. The Judith Hoyer Lecture in Epilepsy is delivered by an AES President Emeritus. The Lennox and Lombroso Lecture is given by an invited member who has greatly advanced the collective understanding of epilepsy.

**Annual Course:** Encourages in-depth exploration of important topics related to epilepsy, focused on clinical care, including review of the science underlying the topics, reviews of clinical research, and discussion of the associated clinical implications. The Annual Course includes a mixture of educational lectures, clinical vignettes, and panel discussions.

**Investigators Workshops:** Highlight exciting developments in basic, translational, and clinical epilepsy research in a format promoting interactive discussion. Speakers include established and junior epilepsy investigators, as well as researchers from other fields.

**Skills Workshops:** Deliver hands-on and interactive learning opportunities in focused clinical areas or basic science research skills. Attendance at each workshop is limited to a small number of participants to allow optimal interaction. Advanced registration and an additional fee are required.

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**Meeting Policies**

View all policies governing registration, fees, and meeting participation [here](#).

**Recording or Photos of Content and Material**

AES strictly prohibits photography, videotaping, and audio recordings (flash, digital, or otherwise) in all educational and poster sessions, unless by the official AES photographer. Violations of this policy will result in removal from the session and possible revocation of meeting registration.

Material presented at the AES Annual Meeting may not be reproduced in any format without the express written consent of AES or the otherwise applicable rights holder. Attendees acknowledge and agree that commercial or promotional distribution, publishing or exploitation of speaker sessions, content, or materials from the Annual Meeting is strictly prohibited.

**Photography Release**

AES uses photographs of meeting events in its promotional materials. Unless the permission is revoked in writing to AES, by their attendance, all meeting visitors agree to use of their likeness in such materials.

**Security**

A formal security plan is developed in consultation with the Convention Center and hotels to provide a secure meeting environment. Additional security information will be available in the Program Book provided on-site in the registration area.