



The mission of the American Epilepsy Society (AES) is to advance research, education, and practice for all professionals engaged in the understanding, diagnosis, prevention, treatment, and cure of epilepsy.

By Anne Gramiak, Michelle Norton, and Shawna Strickland  
 AES programs are overseen by the AES Board of Directors with highlighted programs led by Research and Training Council Co-Chairs Drs Jenny Hsieh and Renee Shellhaas and Drs Barbara Jobst and Ignacio Valencia of the Education Council.

**Clinical Care**

- o AES provides information to its members on treatments, FDA alerts, and COVID and epilepsy
- o Partners with other medical societies in writing and promoting clinical guidelines for epilepsy
- o Provide tools for managing a medical practice and conducting mental health screening

**CDC Funded "Disrupting Disparities: Documenting and Addressing Gaps in Epilepsy Care through Healthcare Provider Education and Training"**

- o Developing webinars and e-learning modules for epilepsy specialists and non-specialists on self-management and social determinants of health
- o Providing training on evidence-based self-management programs at the AES Annual Meeting

**Career Training and Opportunities**

- o Professional development sessions at the Annual Meeting
- o Support for trainees to attend training workshops
- o Junior faculty recruited to train as grant reviewers
- o Jobs and resumes posted in the AES Career Center

**AES Fellows Program**

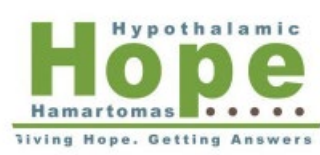
- o Education, mentoring, and networking
- o 100+ clinicians and scientists brought to the AES Annual Meeting annually

**Research & Training Workshop Grants**

- o Support for scientific meetings focused on epilepsy research and training, with 5-10 awards annually. Recent awardees include:



Gordon Research Conferences  
The Role of Inhibition in the Central Nervous System



Hope for Hypothalamic Hamartomas  
5th International Symposium on Hypothalamic Hamartomas



The FamilieSCN2A Foundation  
FamilieSCN2A Summer Seminar



**AES 2023 ANNUAL MEETING**

December 1-5 | Orlando

- o Premier meeting for epilepsy clinical care and research professionals, advocates, and others
- o ~6,000 attendees
- o 75+ CME hours available

**Engaging Patients and Advocates at the Annual Meeting**

- o Patients are faculty for annual meeting education sessions
- o AES is one of few professional societies with an advocate registration type
- o Nonprofit resource center for nonprofits to exhibit at discounted rate
- o Epilepsy Leadership Council organizations receive one complimentary advocate registration
- o Annual Epilepsy Leadership Council luncheon

**Epilepsy Research Benchmarks Stewards Committee**

- o AES Committee with NINDS liaisons serving in leadership and in each Benchmarks Area
- o Progress tracking toward the 2020 Epilepsy Research Benchmarks
- o Plan annual education session at AES Annual Meeting leading to the Curing the Epilepsies meeting
- o **4 advocates appointed to the Committee**, additional patient advocate input through the Epilepsy Leadership Council



**Epilepsy Leadership Council**

- o Consortia of almost 60 patient advocate, professional and government organizations, including AES
- o AES provides administrative and project management support and participates as a member
- o Role of ELC is to facilitate a more cohesive epilepsy community by empowering collaboration between our members to identify and fill gaps in epilepsy support, education, clinical care, and research.

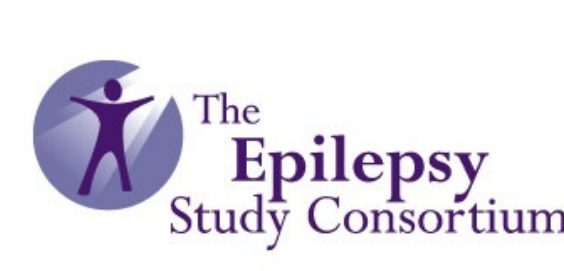
**Partners Against in Mortality in Epilepsy**

- o AES is founding partner and administrative home to growing partnership to raise awareness, educate, and promote research on epilepsy mortality
- o Annual conference held before AES Annual Meeting, now includes session for bereaved families and advocates
- o PAME conference also has a poster session and recognizes promising research from early career scientists



**Funding Partnerships**

- o 18 funding partners (and growing)
- o 40 co-funded Early Career awards since 2015
- o 6 co-funded seed grants since 2018



**Early Career Grants & Fellowships**

- o 82% of grant dollars support early career scientists
- o 34 awardees in 2023
- o Past awardees have published more than 300 scientific papers and secured \$120 million in research grants

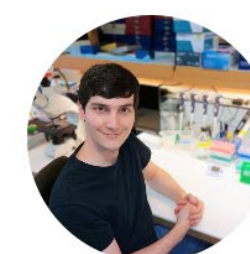
**Postdoctoral Research Fellowships**



Coralie Berthoux, PhD  
Targeting hippocampal cannabinoid receptors to prevent the epileptic onset  
Albert Einstein College of Medicine  
Mentor: Pablo E. Castillo, MD, PhD



Felipe Branco de Paiva, MD  
Effects of EEG Network Topology in Juvenile Idiopathic Epilepsy  
University of Wisconsin-Madison  
Mentors: Aaron Struck, MD, and Mook K. Chang, PhD



Manuel Silva-Pérez, PhD  
Role of norepinephrine in incidence of epileptic activity in Alzheimer's  
Baylor College of Medicine  
Mentor: Jeannie Chin, PhD



Kyle Stokes, PhD  
Evaluating STXBPT epileptic encephalopathy using human brain organoids  
The Regents of the University of Michigan  
Mentor: Jack Parent, MD



Pratyush Suryavanshi, PhD  
Deleterious effects of seizure-induced injury on dendritic function  
The University of Iowa



Taruna Yadav, PhD  
Novel clinical tool to quantify impaired consciousness in epilepsy  
Yale University  
Mentor: Hal Blumenfeld, MD, PhD