

Eastern Association of Electroencephalographers (EAEEG) Annual Meeting

Main Street Landing, Burlington, VT
February 11-12, 2023

Saturday, February 11

8:00-8:30am

Registration and Continental Breakfast

8:30-9:45

Symposium #1

- ❖ **Local Oscillations vs Volume Conduction in the Striatal Network**
Matthijs van der Meer, MS, PhD
- ❖ **Traveling Waves in Cortical Dynamics Underpinning Head Direction**
Dhruv Mehrotra, BSc
- ❖ **EEG, VR and Machine Learning Approaches to the Healthy Human Brain**
David Jangraw, MS, PhD

9:45-11:00

Symposium #2

- ❖ **Origins of Pathological Oscillations in the KCNT1 of Developmental Epilepsy**
Jeremy Barry, PhD
- ❖ **Pathological High Frequency Oscillations in Models of Epilepsy and Alzheimer's Disease**
Christos Lisgaras, PhD
- ❖ **Acetylcholine and Properties of Theta Oscillations Post Experimental Febrile Status Epilepticus**
Michelle Kloc, PhD

11:00-11:15

BREAK

11:15-12:15pm

Symposium 2A – Milner Lecture
Amygdala Stimulation and Emotion
Krzysztof Bujarski, MD

12:15-1:15

Lunch

1:30-2:30

Symposium 3A – President's Lecture
Slow-wave Sleep, Slow Waves and Epileptogenesis
Igor Timofeev, PhD

2:30-4:00

Symposium 3B - Past President's Lecture Part 1

- ❖ **Optogenetic Modulation of Hippocampal Oscillations Ameliorates Spatial Cognition and Hippocampal Dysrhythmia Following Early-life Seizures**
Gregory L. Holmes, MD
- ❖ **Compassionomics: The Revolutionary Scientific Evidence That Caring Makes a Difference**
Michael Goodman, MD, MMM, FAAP, FAES
- ❖ **Seizures and Epilepsies in the Developing Brain: Nothing is Written in Stone**
Solomon L. Moshe, MD

4:00-4:15	BREAK
4:15-5:15	Symposium #4 – Kershman Lecture Childhood Epilepsy: Treatment, Comorbidity, and Policy Lionel Carmant, MD
5:15-6:15	Welcome Reception – Hosted by the Department of Neurological Sciences, UVM
6:15	Dinner on Your Own Informal gathering at the Archives (College Street location) organized by Jeremy Barry, PhD

Sunday, February 12

8:00-8:30am	Continental Breakfast
8:30-10:00	Symposium 3B – Past President’s Lecture Part 2 ❖ Bidirectional Relationship Between Sleep and Epilepsy Steve Gibbs, MD ❖ Epilepsy in the Elderly: Special Considerations and Management Charles Deacon, MD ❖ Advances in Intraoperative Neurophysiological Monitoring Erik J. Kobylarz, MD, PhD ❖ CBD and Epilepsy Mac Burnham, PhD
10:00–10:30	Symposium #5 – Autism: From Slice to the Clinic ❖ The Pten Knockout Model of Autism: Cells, Networks and Cognitive Dysfunction Bryan Luikart, PhD ❖ EEG and the Time-Locked Neurodynamics of Semantic Processing in Autism Spectrum Disorder Emily Coderre, PhD
10:30-10:45	BREAK
10:45-12:30pm	Symposium #6 – Free Communications
12:30	Business Meeting