

**Subject:**

Welcoming You to the Emerald City for the AAN Conference

**UW Medicine**  
NEUROSCIENCES  
INSTITUTE

**A higher degree of healthcare**

**Spring 2022**



## **Seattle to Host American Academy of Neurology (AAN) Annual Meeting**

We are delighted to welcome you to the Emerald City for the 2022 AAN Annual Meeting on April 2-7, the first in-person meeting in three years. As the world's premier gathering of neurologists, there are more than 160 live, unique courses and sessions available. Networking highlights include the Great Neuro Reunion Party at Seattle's iconic Space Needle. We will be hosting a UW School of Medicine Neurology alumni and departmental party. We look forward to being able to showcase all that Seattle has to offer.

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**Weill Neurohub Collaboration Unites Healthcare Organizations to Speed Development of New Therapies**

The [Weill Neurohub](#) unites three premier institutions: UW Medicine, University of California San Francisco and University of California Berkeley, to unlock tremendous opportunities for traumatic brain injury and neurodegenerative diseases.

DeepNeuro, one part of the project, harmonizes clinical, biological and imaging data to drive research, biomarker discovery, clinical decision support and therapeutic development for Alzheimer's disease, dementia and multiple sclerosis.

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## Neurological Surgeons From Two Continents Connect Virtually for a Live-Streamed, Guided SDR Surgery

UW Medicine's neurological surgeon **Samuel Browd, MD, PhD**, is an expert in selective dorsal rhizotomy (SDR) surgery. When a colleague in Australia asked him to proctor a live-streamed surgery, he guided his colleagues in Adelaide through their first SDR procedure, in real-time, 7,000 miles apart.

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## New Preclinical Study Gets NIH Funding for Ischemic Stroke

**Jon Weinstein, MD**, UW Medicine neurologist and stroke specialist, will lead the study to assess whether the drug, senicapoc, can influence stroke-induced changes in the central nervous system. Senicapoc, a specific inhibitor of KCa3.1, has been used safely in clinical trials for sickle cell anemia. With this new study, researchers aim to provide a foundation for repurposing therapeutics for future clinical trials.

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### RESEARCH & NEWS

- Neurological surgeon **Jeffrey G. Ojemann, MD**, has been named [SVP and Chief Medical Officer of Seattle Children's Hospital](#).
- Neurological surgeon **Andrew Ko, MD**, is providing the surgical expertise for participants in a rheumatoid arthritis study designed to determine if tiny [electrical implants are an effective way to treat rheumatoid arthritis](#).
- UW Medicine neurological surgeons, neurologists and radiologists **Andrew Ko, MD, Mahmud Mossa-Basha, MD, DABR, Jeffrey G. Ojemann, MD, John W. Miller, MD, and Shahin Hakimian, MD**, co-author review article published in [Epilepsia](#) on the effects of laser interstitial thermal therapy for mesial temporal lobe epilepsy.
- Neurologist **John Oakley MD, PhD**, and colleagues author new study "Sharp-wave ripple frequency and interictal epileptic discharges increase in tandem during thermal induction of seizures in a mouse model of genetic epilepsy" in [Frontiers in Cellular Neuroscience](#).
- First author and pediatric neurologist at Seattle Children's Hospital, **Jennifer Keene, MD, MBA**, and colleagues published an article on treatment of neonatal seizures in [Pediatric Neurology](#).

- “Realigning the role of quantitative sensory testing in sensory profiling of patients with and without neuropathic pain” is authored by neurologist **Miroslav Backonja, MD**, and colleagues in [Pain](#).

## Welcome to the UW Medicine Regional Epilepsy Center

The UW Medicine Regional Epilepsy Center, a Level 4 epilepsy center, serves adolescents and adults across a multi-state region. Our interdisciplinary team specializes in advanced treatments for seizures and epilepsy including laser ablation, responsive neurostimulation (RNS) and deep brain stimulation.

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