



Zachary T. Roberts, MD

Clinical Assistant Professor, Neurology & Neurological Sciences

CLINICAL OFFICE (PRIMARY)

- **Neurology Clinic**

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Bio

BIO

Dr. Zach Roberts is a board-certified neurologist and epileptologist with Stanford Health Care's Comprehensive Neurology Program. He is also a clinical assistant professor in the Department of Neurology & Neurological Sciences. He completed two years of epilepsy fellowship training at New York University Langone Health where he gained extensive experience using neuromodulatory devices and managing epilepsy that is difficult to treat. Prior to this fellowship, he completed his neurology residency at the University of Pennsylvania.

Dr. Roberts specializes in caring for patients with epilepsy. He creates personalized, comprehensive care plans tailored to each patient's unique needs. He is skilled in the use of neuromodulatory devices for treating epilepsy, including vagal nerve stimulation (VNS), responsive neurostimulation (RNS), and deep brain stimulation (DBS). His additional clinical interests include the interpretation of electroencephalography (EEG) studies as well as the treatment of sleep disorders.

Dr. Roberts has had a passion for medical education throughout his training as a doctor. He has taught and created content related to neurology and epilepsy for medical students, residents, fellows, and patients. He has designed a simulation-based learning module for the treatment of prolonged seizures and lectured on neurology for a physician assistant program in Pennsylvania. He is dedicated to advancing the knowledge of both his peers and patients.

His research interests include quality improvement as well as using technology to aid health care delivery—both in treating epilepsy and in the field of neurology.

Dr. Roberts' work has been featured on posters presented at national and international conferences. He has also published a peer-reviewed journal article on doctors' experiences with teleneurology in Telemedicine and e-Health.

Dr. Roberts is an active member of the American Academy of Neurology, the American Medical Association, and the American Epilepsy Society.

CLINICAL FOCUS

- Epilepsy
- Neurology

- Focal Epilepsy
- Drug Refractory Epilepsy
- Vagus Nerve Stimulation
- Deep Brain Stimulation
- Responsive Neurostimulation

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Neurology & Neurological Sciences

HONORS AND AWARDS

- Magna Cum Laude, University of Pennsylvania
- Dean's List, University of Pennsylvania

PROFESSIONAL EDUCATION

- Board Certification: Epilepsy, American Board of Psychiatry and Neurology (2022)
- Board Certification: Neurology, American Board of Psychiatry and Neurology (2021)
- Fellowship: NYU Langone Medical Center GME Programs (2023) NY
- Fellowship: NYU Langone Medical Center GME Programs (2022) NY
- Residency: Hospital of Univ of Pennsylvania GME Verifications (2021) PA
- Internship: Hospital of the University of Pennsylvania Dept of Internal Medicine (2018) PA
- Medical Education: Perelman School of Medicine University of Pennsylvania (2017) PA

Publications

PUBLICATIONS

- **Provider Experience with Telemedicine in an Academic Neurology Department.** *Telemedicine journal and e-health : the official journal of the American Telemedicine Association*
Tropea, T. F., Fuentes, A., Roberts, Z., Spindler, M., Yuan, K., Perrone, C., Do, D., Jacobs, D., Wechsler, L.
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