

# Stanford

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## Kevin Graber, MD

Clinical Professor, Adult Neurology

### CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroscience Health Center**

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### Bio

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#### CLINICAL FOCUS

- Epilepsy

#### ACADEMIC APPOINTMENTS

- Clinical Professor, Adult Neurology

#### ADMINISTRATIVE APPOINTMENTS

- Epilepsy Fellowship Director, Stanford University School of Medicine, (2015- present)

#### PROFESSIONAL EDUCATION

- Residency: Stanford University Dept of Neurology (1996) CA
- Fellowship: Stanford University Epilepsy Fellowship (2000) CA
- Internship: Indiana University Transitional Year (1993) IN
- Board Certification: Epilepsy, American Board of Psychiatry and Neurology (2013)
- Board Certification: Neurology, American Board of Psychiatry and Neurology (1999)
- Medical Education: Indiana University School of Medicine (1992) IN

#### LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

### Research & Scholarship

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#### CLINICAL TRIALS

- A Phase 1/2 Study of NRTX-1001 Neuronal Cell Therapy in Drug-Resistant Bilateral Mesial Temporal Lobe Epilepsy (MTLE), Recruiting
- FIH Study of NRTX-1001 Neural Cell Therapy in Drug-Resistant Unilateral Mesial Temporal Lobe Epilepsy, Recruiting
- Medtronic Deep Brain Stimulation (DBS) Therapy for Epilepsy Post-Approval Study (EPAS), Recruiting

## Publications

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### PUBLICATIONS

- **Technical validation of the Zeto wireless, dry electrode EEG system.** *Biomedical physics & engineering express*  
Nadasdy, Z., Fogarty, A. S., Fisher, R. S., Primiani, C. T., Graber, K. D.  
2025
- **Multisite thalamic recordings to characterize seizure propagation in the human brain.** *Brain : a journal of neurology*  
Wu, T. Q., Kaboodvand, N., McGinn, R. J., Veit, M., Davey, Z., Datta, A., Graber, K. D., Meador, K. J., Fisher, R., Buch, V., Parvizi, J.  
2023
- **Continuous EEG monitoring detects nonconvulsive seizure and Ictal-Interictal Continuum abnormalities in moderate to severe ICANS following systemic CAR-T therapy.** *The Neurohospitalist*  
Satyanarayan, S., Spiegel, J., Hovsepian, D., Markert, M., Thomas, R., Muffly, L., Miklos, D., Graber, K., Scott, B. J.  
2023; 13 (1): 53-60
- **Continuous EEG monitoring detects nonconvulsive seizure and Ictal-Interictal Continuum abnormalities in moderate to severe ICANS following systemic CAR-T therapy** *NEUROHOSPITALIST*  
Satyanarayan, S., Spiegel, J., Hovsepian, D., Markert, M., Thomas, R., Muffly, L., Miklos, D., Graber, K., Scott, B. J.  
2022
- **High-resolution hippocampal diffusion tensor imaging of mesial temporal sclerosis in refractory epilepsy.** *Epilepsia*  
Chau Loo Kung, G., Chiu, A., Davey, Z., Mouchawar, N., Carlson, M., Moein Taghavi, H., Martin, D., Graber, K., Razavi, B., McNab, J., Zeineh, M.  
2022
- **Impact of high-density EEG in presurgical evaluation for refractory epilepsy patients.** *Clinical neurology and neurosurgery*  
Li, Y., Fogarty, A., Razavi, B., Ardestani, P. M., Falco-Walter, J., Werbaneth, K., Graber, K., Meador, K., Fisher, R. S.  
2022; 219: 107336
- **Contemporaneous evaluation of patient experience, surgical strategy, and seizure outcomes in patients undergoing stereoelectroencephalography or subdural electrode monitoring.** *Epilepsia*  
Kim, L. H., Parker, J. J., Ho, A. L., Feng, A. Y., Kumar, K. K., Chen, K. S., Ojukwu, D. I., Shuer, L. M., Grant, G. A., Graber, K. D., Halpern, C. H.  
2020
- **Tripolar concentric EEG electrodes reduce noise.** *Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology*  
Aghaei-Lasboo, A. n., Inoyama, K. n., Fogarty, A. S., Kuo, J. n., Meador, K. J., Walter, J. J., Le, S. T., Graber, K. D., Razavi, B. n., Fisher, R. S.  
2019; 131 (1): 193-98
- **Structural alterations in fast-spiking GABAergic interneurons in a model of posttraumatic neocortical epileptogenesis** *NEUROBIOLOGY OF DISEASE*  
Gu, F., Parada, I., Shen, F., Li, J., Bacci, A., Graber, K., Taghavi, R., Scalise, K., Schwartzkroin, P., Wenzel, J., Prince, D. A.  
2017; 108: 100-114
- **Gabapentin decreases epileptiform discharges in a chronic model of neocortical trauma** *NEUROBIOLOGY OF DISEASE*  
Li, H., Graber, K. D., Jin, S., McDonald, W., Barres, B. A., Prince, D. A.  
2012; 48 (3): 429-438
- **Targets for preventing epilepsy following cortical injury** *NEUROSCIENCE LETTERS*  
Li, H., McDonald, W., Parada, I., Faria, L., Graber, K., Takahashi, D. K., Ma, Y., Prince, D.  
2011; 497 (3): 172-176
- **Neocortical posttraumatic epileptogenesis** *EPILEPSIA*  
Prince, D. A., Parada, I., Li, H., McDonald, W., Graber, K.  
2010; 51: 30-30
- **Neocortical Posttraumatic Epileptogenesis.** *Epilepsia*  
Prince, D. A., Parada, I., Li, H., McDonald, W., Graber, K.  
2010; 51 Suppl 5: 30

- **Neocortical posttraumatic epileptogenesis.** *Epilepsia*  
Prince, D. A., Parada, I., Li, H., McDonald, W., Graber, K.  
2010; 51 Suppl s5: 30
- **Direct electrical stimulation for epilepsy: The laboratory evidence** *EPILEPSIA*  
Graber, K. D., Fisher, R. S.  
2010; 51: 86-86
- **Electrical stimulation of the anterior nucleus of thalamus for treatment of refractory epilepsy** *EPILEPSIA*  
Fisher, R., Salanova, V., Witt, T., Worth, R., Henry, T., Gross, R., Oommen, K., Osorio, I., Nazzaro, J., Labar, D., Kaplitt, M., Sperling, M., Sandok, et al  
2010; 51 (5): 899-908
- **The microtubule interacting drug candidate NAP protects against kainic acid toxicity in a rat model of epilepsy** *JOURNAL OF NEUROCHEMISTRY*  
Zemlyak, I., Manley, N., Vulih-Shultzman, I., Cutler, A. B., Graber, K., Sapolsky, R. M., Gozes, I.  
2009; 111 (5): 1252-1263
- **Epilepsy following cortical injury: Cellular and molecular mechanisms as targets for potential prophylaxis** *EPILEPSIA*  
Prince, D. A., Parada, I., Scalise, K., Graber, K., Jin, X., Shen, F.  
2009; 50: 30-40
- **Sensitivity and specificity of video alone versus electroencephalography alone for the diagnosis of partial seizures** *EPILEPSY & BEHAVIOR*  
Chen, D. K., Graber, K. D., Anderson, C. T., Fisher, R. S.  
2008; 13 (1): 115-118
- **Homeostatic Plasticity Studied Using In Vivo Hippocampal Activity-Blockade: Synaptic Scaling, Intrinsic Plasticity and Age-Dependence** *PLOS ONE*  
Echegoyen, J., Neu, A., Graber, K. D., Soltesz, I.  
2007; 2 (8)
- **Chronic Partial Cortical Isolation** *MODELS OF SEIZURES AND EPILEPSY*  
Graber, K. D., Prince, D. A., Pitkanen, A., Schwartzkroin, P. A., Moshe, S. L.  
2006: 477-493
- **A critical period for prevention of posttraumatic neocortical hyperexcitability in rats** *ANNALS OF NEUROLOGY*  
Graber, K. D., Prince, D. A.  
2004; 55 (6): 860-870
- **Postlesional epilepsy: The ultimate brain plasticity** *5th Workshop on the Neurobiology of Epilepsy (WONOE V)*  
Jacobs, K. M., Graber, K. D., Kharazia, V. N., Parada, I., Prince, D. A.  
WILEY-BLACKWELL.2000: S153-S161
- **Tetrodotoxin prevents posttraumatic epileptogenesis in rats** *ANNALS OF NEUROLOGY*  
Graber, K. D., Prince, D. A.  
1999; 46 (2): 234-242
- **Tetrodotoxin (TTX) prevents epileptogenesis and attenuates neuronal structural alterations following neocortical injury in rats**  
Graber, K. D., Parada, Prince, D. A.  
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