



## Sarada Sakamuri, MD

- Clinical Associate Professor, Adult Neurology
- Clinical Associate Professor (By courtesy), Neurosurgery

### CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroscience Health Center**

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### Bio

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#### BIO

Dr. Sarada Sakamuri is a neurologist, neurophysiologist, and sonographer who specializes in the care of patients with nerve injuries and other neuromuscular disorders. As Co-Director of the Center for Peripheral Nerve Surgery, she oversees coordinated care in conjunction with the Neurology Clinic, Neurodiagnostic Lab, and Neurosurgery Clinic. She serves on multiple interdisciplinary teams focused on the care of patients with nerve conditions, including the Stanford Nerve Team, Stanford Facial Nerve Center, Stanford Women's Neurology Program, and Stanford Periprocedural Nerve Symptom Pathway.

She is an expert in the use of nerve and muscle ultrasound to diagnose and manage neuromuscular conditions. She performs advanced diagnostic evaluations of peripheral nerve conditions, integrating nerve and muscle ultrasound and neurophysiologic EMG/NCS testing at the bedside. She has advanced training in nerve and muscle ultrasound and has served on the American Association of Neuromuscular and Electrodiagnostic Medicine (AANEM)'s Neuromuscular Ultrasound Committee and Neuromuscular Ultrasound Exam Committee.

She also plays an active role in graduate medical education. She serves as the Program Director of the Stanford Neuromuscular Medicine Fellowship and Associate Director of the Clinical Neurophysiology/EMG Fellowship, with a total of five ACGME-accredited positions. She supervised residents in the weekly neurology resident continuity clinic for many years. She has been awarded numerous teaching awards, including the Lysia S. Forno Award for outstanding contributions to resident teaching, and the American Academy of Neurology's A.B. Baker Teacher Recognition Award.

Dr. Sakamuri completed her undergraduate studies at Rutgers University, where she earned a degree in psychology with Phi Beta Kappa distinction. She completed medical school at Rutgers New Jersey Medical School in Newark, NJ, where she led multiple community service and medical education activities and was elected to the Alpha Omega Alpha and Gold Humanism Honor Societies. She moved to the Bay Area to pursue neurology residency at Stanford and served as Chief Resident in her final year of training. She then completed two years of fellowship at Stanford and the Forbes Norris MDA/ALS Research Center in EMG/Clinical Neurophysiology and Neuromuscular Medicine.

She is board-certified in Neurology and in Neuromuscular disorders by the American Board of Psychiatry and Neurology (ABPN). She is certified in EMG/NCS by the American Board of Electrodiagnostic Medicine (ABEM), and holds the ABEM Certificate of Added Qualification in Neuromuscular Ultrasound. She is a member of numerous societies, including the Performing Arts Medicine Association.

### **CLINICAL FOCUS**

- Peripheral Nerve Trauma
- Peripheral Nerve Injury
- ALS (Amyotrophic Lateral Sclerosis)
- CIDP
- Guillain-Barre Syndrome
- Lambert-Eaton Myasthenic Syndrome
- Muscular Dystrophies
- Myasthenia Gravis
- Myopathy
- Rod Myopathy
- Peripheral Neuropathy
- Neuromuscular Medicine

### **ACADEMIC APPOINTMENTS**

- Clinical Associate Professor, Adult Neurology
- Clinical Associate Professor (By courtesy), Neurosurgery

### **ADMINISTRATIVE APPOINTMENTS**

- Director, Neuromuscular Medicine Fellowship, Stanford University School of Medicine, (2019- present)
- Co-Director, Center for Peripheral Nerve Surgery, Stanford University Departments of Neurosurgery and Neurology, (2017- present)
- Associate Director, Clinical Neurophysiology/EMG Fellowship, Stanford University School of Medicine, (2015- present)
- Associate Director, Neuromuscular Medicine Fellowship, Stanford University School of Medicine, (2015-2019)

### **HONORS AND AWARDS**

- American Academy of Neurology Resident Scholarship, American Academy of Neurology (2012)
- Neurology Medical Student Clerkship Teaching Award, Stanford Department of Neurology (2012)
- Neurology Medical Student Clerkship Teaching Award, Stanford Department of Neurology (2010)
- Nomination for Golden Apple Teaching Award, New Jersey Medical School (2009)
- American Academy of Neurology Medical Student Prize, American Academy of Neurology (2008)
- Member, Arnold P. Gold Humanism Honor Society (2008)
- Member, Alpha Omega Alpha Medical Honor Society (2008)
- Member, Phi Beta Kappa (2004)

### **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Member, Fellowship Committee, American Association of Neuromuscular and Electrodiagnostic Medicine (2021 - present)
- Member, Ultrasound Committee, American Association of Neuromuscular and Electrodiagnostic Medicine (2016 - 2021)
- Member, GME Committee, American Association of Neuromuscular and Electrodiagnostic Medicine (2017 - 2021)

- Member, American Association of Neuromuscular and Electrodiagnostic Medicine (2012 - present)
- Member, American Academy of Neurology Neuromuscular Section (2012 - present)
- Member, American Academy of Neurology (2009 - present)

## PROFESSIONAL EDUCATION

- Internship: Rutgers New Jersey Medical School Internal Medicine Residency (2009) NJ
- Medical Education: Rutgers New Jersey Medical School (2008) NJ
- Residency: Stanford University Dept of Neurology (2012) CA
- Board Certification: Neuromuscular Ultrasound Certificate of Added Qualification, American Board of Electrodiagnostic Medicine (2019)
- Fellowship: Stanford University Neuromuscular Medicine Fellowship (2014) CA
- Fellowship: Stanford University Clinical Neurophysiology Fellowship (2013) CA
- Board Certified, Electrodiagnostic Medicine , American Board of Electrodiagnostic Medicine (2015)
- Board Certified, Neuromuscular Medicine , American Board of Psychiatry and Neurology (2014)
- Board Certified, Neurology , American Board of Psychiatry and Neurology (2012)
- Research Fellowship, Respiratory dysfunction in ALS , California Pacific Medical Center, Forbes Norris MDA/ALS Research Center (2014)
- Fellowship, Neuromuscular Medicine , Stanford University School of Medicine (2014)
- Fellowship, EMG/Clinical Neurophysiology , Stanford University School of Medicine (2013)
- Residency, Neurology , Stanford Hospital & Clinics (2012)
- Internship, Internal Medicine , New Jersey Medical School (2009)
- Medical Education, New Jersey Medical School (2008)

## COMMUNITY AND INTERNATIONAL WORK

- Clinical Instructor, Krakow, Poland
- Teaching Fellow, Stanford
- Co-Founder and Director, PINNACLE (Partnership in Newark Advocating Community Leaders' Empowerment), Newark, NJ
- Student Director, Mini-Med School, Newark, NJ

## LINKS

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

## Research & Scholarship

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### CLINICAL TRIALS

- Nerve Transfers Plus Electrical Stimulation to Improve Hand Function in Cervical Spinal Cord Injury, Recruiting
- A Phase 3 Study of Amifampridine Phosphate in Patients With Lambert Eaton Myasthenic Syndrome (LEMS), Not Recruiting
- A Safety and Tolerability Study of Multiple Doses of ISIS-DMPKRx in Adults With Myotonic Dystrophy Type 1, Not Recruiting
- Diaphragm Pacing System (DPS) In Participants With Amyotrophic Lateral Sclerosis (ALS), Not Recruiting
- Embodied Virtual Reality Therapy for Functional Neurological Symptom/ Conversion Disorder, Not Recruiting
- Prospective, Longitudinal Study of the Natural History and Functional Status of Patients With Myotubular Myopathy (MTM), Not Recruiting
- Safety and Efficacy of Eculizumab in Refractory Generalized Myasthenia Gravis (REGAIN Study), Not Recruiting

### PROJECTS

- Subject Database and Specimen Repository for Neuromuscular and Neurodegenerative Disorders - Stanford University

- Clinical and Genetic Characterization of Myotonic Dystrophy - Stanford University

## Teaching

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### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Neurophysiology (Fellowship Program)

## Publications

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### PUBLICATIONS

- **Smartphone-based App to Assess Diabetic Peripheral Neuropathy.** *Journal of diabetes science and technology*  
Adenekan, R. A., Adenekan, A. E., Leung, K. K., Muppidi, S., Sakamuri, S., Tan, M., Tsai, S. A., Osikomaia, M., Okamura, A. M., Nunez, C. M., Kim, S. H., Yoshida, K. T.  
2026: 19322968261426385
- **Peripartum Sciatic Nerve Injury: MRI Findings in a Heterogeneous Cohort**  
Greenberg, J., Sakamuri, S.  
LIPPINCOTT WILLIAMS & WILKINS.2025
- **Creation of a Lactation Policy in Academic Neurology: Roadmap to Success**  
Sakamuri, S., Miller-Kuhlmann, R., Thomas, R., Monje, M.  
LIPPINCOTT WILLIAMS & WILKINS.2025
- **The Neuromuscular Portal and Match: Working Toward a More Fair, Equitable, and Transparent Process.** *Neurology. Education*  
Laughlin, R. S., Adkins, S., Baer, M., Dehbashi, S., Gable, K., Govindarajan, R., Guidon, A. C., Gwathmey, K. G., Hehir, M. K., Imperioli, M., Price, R. S., Sakamuri, S., Sokol, et al  
2023; 2 (3): e200086
- **Surgical Release of Ulnar and Median Nerves in CMT1A: Prevention and Treatment of a Second Hit**  
McKeen, W., Katyal, N., Sakamuri, S., Wilson, T., Greene, M.  
LIPPINCOTT WILLIAMS & WILKINS.2023
- **Neuromuscular ultrasound standardized scanning techniques and protocols: Expert panel recommendations.** *Muscle & nerve*  
Tawfik, E. A., Cartwright, M. S., van Alfen, N., Axer, H., Boon, A. J., Crump, N., Grimm, A., Hobson-Webb, L. D., Kerasnoudis, A., Mandeville, R., Preston, D. C., Sakamuri, S., Shahrizaila, et al  
2023
- **Safety and efficacy of leriglitazone for preventing disease progression in men with adrenomyeloneuropathy (ADVANCE): a randomised, double-blind, multi-centre, placebo-controlled phase 2-3 trial.** *The Lancet. Neurology*  
Kohler, W., Engelen, M., Eichler, F., Lachmann, R., Fatemi, A., Sampson, J., Salsano, E., Gamez, J., Molnar, M. J., Pascual, S., Rovira, M., Vila, A., Pina, et al  
2023; 22 (2): 127-136
- **Safety and efficacy of leriglitazone for preventing disease progression in men with adrenomyeloneuropathy (ADVANCE): a randomised, double-blind, multi-centre, placebo-controlled phase 2-3 trial** *LANCET NEUROLOGY*  
Koehler, W., Engelen, M., Eichler, F., Lachmann, R., Fatemi, A., Sampson, J., Salsano, E., Gamez, J., Molnar, M., Pascual, S., Rovira, M., Vila, A., Pina, et al  
2023; 22 (2): 127-136
- **Physician Perceptions of Performance Feedback and Impact on Personal Well-Being: A Qualitative Exploration of Patient Satisfaction Feedback in Neurology.** *Joint Commission journal on quality and patient safety*  
Vilendrer, S., Levoy, E., Miller-Kuhlmann, R., Amano, A., Brown-Johnson, C., De Borba, L., Luu, J. H., Sakamuri, S., Gold, C. A.  
2022
- **The neuromuscular fellowship portal and match.** *Muscle & nerve*  
London, Z. N., Gable, K. L., Govindarajan, R., Guidon, A. C., Gwathmey, K. G., Hehir, M. K., Imperioli, M., Laughlin, R. S., Price, R. S., Sakamuri, S., Sokol, J., Baer, M.  
2022

- **Research reporting in cubital tunnel syndrome studies: an analysis of the literature.** *Acta neurochirurgica*  
Hug, N. F., Smith, B. W., Sakamuri, S., Jensen, M., Purger, D. A., Spinner, R. J., Wilson, T. J.  
1800
- **Small nerve fiber involvement in chilblain lupus erythematosus (late breaking abstract)**  
Sakamuri, S., Muppidi, S., Leung, K.  
WILEY.2021: 440
- **Assessment of variability in motor grading and patient-reported outcome reporting: a multi-specialty, multi-national survey.** *Acta neurochirurgica*  
Smith, B. W., Sakamuri, S., Flavin, K. E., Jensen, M., Purger, D. A., Yang, L. J., Spinner, R. J., Wilson, T. J.  
2021
- **Post-intervention status in patients with refractory myasthenia gravis treated with eculizumab during REGAIN and its open-label extension.** *Neurology*  
Mantegazza, R., Wolfe, G. I., Muppidi, S., Wiendl, H., Fujita, K. P., O'Brien, F. L., Booth, H. D., Howard, J. F., REGAIN Study Group  
2020
- **Allograft Nerve Repair Reduces Postoperative Neuropathic Pain Following Nerve Biopsy.** *Neurosurgery*  
Sakamuri, S., Wilson, T. J.  
2020
- **Imaging of Damaged Nerves.** *Clinics in plastic surgery*  
Purger, D. A., Sakamuri, S., Hug, N. F., Biswal, S., Wilson, T. J.  
2020; 47 (2): 245–59
- **Neuromuscular ultrasound competency assessment: Consensus-Based survey.** *Muscle & nerve*  
Tawfik, E. A., Cartwright, M. S., Grimm, A. n., Boon, A. J., Kerasnoudis, A. n., Preston, D. C., Wilder-Smith, E. n., Axer, H. n., Hobson-Webb, L. D., van Alfen, N. n., Crump, N. n., Shahrizaila, N. n., Inkpen, et al  
2020
- **Long-term safety and efficacy of eculizumab in generalized myasthenia gravis** *MUSCLE & NERVE*  
Muppidi, S., Utsugisawa, K., Benatar, M., Murai, H., Barohn, R. J., Illa, I., Jacob, S., Vissing, J., Burns, T. M., Kissel, J. T., Nowak, R. J., Andersen, H., Casasnovas, et al  
2019; 60 (1): 14–24
- **Long-term safety and efficacy of eculizumab in generalized myasthenia gravis.** *Muscle & nerve*  
Muppidi, S., Utsugisawa, K., Benatar, M., Murai, H., Barohn, R. J., Illa, I., Jacob, S., Vissing, J., Burns, T. M., Kissel, J. T., Nowak, R. J., Andersen, H., Casasnovas, et al  
2019
- **An update on the management of adult traumatic nerve injuries-replacing old paradigms: A review** *JOURNAL OF TRAUMA AND ACUTE CARE SURGERY*  
Smith, B. W., Sakamuri, S., Spain, D. A., Joseph, J. R., Yang, L., Wilson, T. J.  
2019; 86 (2): 299–306
- **Guidelines for neuromuscular ultrasound training.** *Muscle & nerve*  
Tawfik, E. A., Cartwright, M. S., Grimm, A. n., Boon, A. J., Kerasnoudis, A. n., Preston, D. C., Wilder-Smith, E. n., Axer, H. n., Hobson-Webb, L. D., van Alfen, N. n., Crump, N. n., Shahrizaila, N. n., Inkpen, et al  
2019
- **An Update on the Management of Adult Traumatic Nerve Injuries-Replacing Old Paradigms: A Review.** *The journal of trauma and acute care surgery*  
Smith, B. W., Sakamuri, S., Spain, D. A., Joseph, J. R., Yang, L. J., Wilson, T. J.  
2018
- **Nusinersen versus Sham Control in Later-Onset Spinal Muscular Atrophy** *NEW ENGLAND JOURNAL OF MEDICINE*  
Mercuri, E., Darras, B. T., Chiriboga, C. A., Day, J. W., Campbell, C., Connolly, A. M., Iannaccone, S. T., Kirschner, J., Kuntz, N. L., Saito, K., Shieh, P. B., Tulinius, M., Mazzone, et al  
2018; 378 (7): 625–35

- **Increased EEG Theta Spectral Power in Sleep in Myotonic Dystrophy Type 1.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Cheung, J. n., Ruoff, C. n., Moore, H. n., Hagerman, K. A., Perez, J. n., Sakamuri, S. n., Warby, S. C., Mignot, E. n., Day, J. n., Sampson, J. n.  
2018; 14 (2): 229–35
- **Safety and efficacy of eculizumab in anti-acetylcholine receptor antibody-positive refractory generalised myasthenia gravis (REGAIN): a phase 3, randomised, double-blind, placebo-controlled, multicentre study** *LANCET NEUROLOGY*  
Howard, J. F., Utsugisawa, K., Benatar, M., Murai, H., Barohn, R. J., Illa, I., Jacob, S., Vissing, J., Burns, T. M., Kissel, J. T., Muppidi, S., Nowak, R. J., O'Brien, et al  
2017; 16 (12): 976–86
- **Increased EEG theta spectral power in polysomnography of myotonic dystrophy type 1 compared to matched controls.**  
Ruoff, C., Cheung, J., Perez, J., Sakamuri, S., Mignot, E., Day, J., Sampson, J.  
LIPPINCOTT WILLIAMS & WILKINS.2017
- **Sleep and Neuromuscular Disease** *Sleep and Neurologic Disease*  
Sakamuri, S., Day, J. W.  
Elsevier.2017; 1: 183–200
- **Phrenic nerve conduction studies as a biomarker of respiratory insufficiency in amyotrophic lateral sclerosis** *AMYOTROPHIC LATERAL SCLEROSIS AND FRONTOTEMPORAL DEGENERATION*  
Jenkins, J. A., Sakamuri, S., Katz, J. S., Forshew, D. A., Guion, L., Moore, D., Miller, R. G.  
2016; 17 (3-4): 213-220
- **Congenital muscular dystrophy and generalized epilepsy caused by GMPPB mutations.** *Brain research*  
Raphael, A. R., Couthouis, J., Sakamuri, S., Siskind, C., Vogel, H., Day, J. W., Gitler, A. D.  
2014; 1575: 66-71
- **Perioperative ischemic optic neuropathy (POION).** *Spine*  
Bennett, H. L., Origlieri, C., Sakamuri, S.  
2005; 30 (23): 2706-?