



Sarada Sakamuri, MD

- Clinical Assistant Professor, Neurology & Neurological Sciences
- Clinical Assistant Professor (By courtesy), Neurosurgery

CLINICAL OFFICES

- **Stanford Neuroscience Health Center**

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Bio

BIO

Dr. Sarada Sakamuri specializes in neuromuscular medicine. Her interests are in peripheral nerve injury, neuromuscular ultrasound, EMG/NCS, neurogenetic disorders, and medical education.

Dr. Sakamuri studied psychology at Rutgers University and she graduated with Phi Beta Kappa distinction. She obtained her medical degree from Rutgers New Jersey Medical School, where she lead 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, where she later served as chief resident. She then completed two years of fellowship in EMG/Clinical Neurophysiology and Neuromuscular Medicine and research training at Forbes Norris MDA/ALS Research Center.

Upon graduation she joined the faculty at Stanford Neurology and Neurological Sciences, in the divisions of Neuromuscular Disorders and General Neurology. She was the first Stanford adult neurologist to establish clinics in San Pablo and Alameda and founded the Stanford Neurology Clinic in Emeryville. She continues to see patients with general neurology needs in the Neurology Residency Continuity Clinics.

Dr. Sakamuri's passion is neuromuscular medicine, with a focus on peripheral nerve traumas and disorders. She is Co-Director of the Center for Peripheral Nerve Surgery along with neurosurgeon Dr. Thomas J. Wilson. She performs advanced evaluations of peripheral nerve conditions by integrating nerve and muscle ultrasound and neurophysiologic testing (EMG/NCS) at the bedside, and founded the Stanford Neuromuscular Ultrasound Program. She has advanced training in nerve and muscle ultrasound, and sits on the Neuromuscular Ultrasound Committee of the American Association of Neuromuscular and Electrodiagnostic Medicine (AANEM).

She is board-certified in Neurology and 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 also holds a Certificate of Added Qualification in Neuromuscular Ultrasound.

Dr. Sakamuri's other passion is medical education. She is the Director of the Stanford Neuromuscular Medicine Fellowship and Associate Director of the Clinical Neurophysiology/EMG Fellowship. She supervises a weekly neurology resident continuity clinic and enjoys teaching sessions medical students as well as the fantastic neurology and psychiatry residents and fellows. She has fond memories of her time as a clinical instructor at Jagiellonian University Medical College in Poland.

CLINICAL FOCUS

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

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Neurology & Neurological Sciences
- Clinical Assistant Professor (By courtesy), Neurosurgery

ADMINISTRATIVE APPOINTMENTS

- 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- present)
- Clinical Assistant Professor, Neuromuscular Disorders & General Neurology, Stanford University School of Medicine, (2014- present)
- Clinical Assistant Professor, Neuromuscular Disorders & General Neurology, University Healthcare Alliance, a physician network serving patients around the Bay Area, (2014- present)

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, GME Committee, American Association of Neuromuscular and Electrodiagnostic Medicine (2017 - present)
- Member, American Association of Neuromuscular and Electrodiagnostic Medicine (2012 - present)
- Member, Ultrasound Committee, American Association of Neuromuscular and Electrodiagnostic Medicine (2016 - present)
- Member, American Academy of Neurology Neuromuscular Section (2012 - present)
- Member, American Academy of Neurology (2009 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Neuromuscular Medicine Fellowship (2014) CA
- Fellowship: Stanford University Clinical Neurophysiology Fellowship (2013) CA
- Residency: Stanford University Neurology Residency (2012) CA
- Internship: Rutgers New Jersey Medical School UMDNJ Internal Medicine Residency (2009) NJ
- Medical Education: Rutgers New Jersey Medical School Office of the Registrar (2008) NJ
- 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, PINACLE (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

CLINICAL TRIALS

- Prospective, Longitudinal Study of the Natural History and Functional Status of Patients With Myotubular Myopathy (MTM), Recruiting
- Safety and Efficacy of Eculizumab in Refractory Generalized Myasthenia Gravis (REGAIN Study), 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

PROJECTS

- Subject Database and Specimen Repository for Neuromuscular and Neurodegenerative Disorders - Stanford University
- Clinical and Genetic Characterization of Myotonic Dystrophy - Stanford University

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Neurophysiology (Fellowship Program)

Publications

PUBLICATIONS

- **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-?