



Sarada Sakamuri, MD

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

CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroscience Health Center**

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Bio

BIO

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

She graduated from Rutgers University with Phi Beta Kappa distinction and a degree in psychology. She attended 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, 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.

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. She has advanced training in nerve and muscle ultrasound, and sits on the Neuromuscular Ultrasound Committee of the American Association of Neuromuscular and Electrodagnostic Medicine (AANEM).

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 Electrodagnostic Medicine (ABEM), and holds a Certificate of Added Qualification in Neuromuscular Ultrasound.

Dr. Sakamuri's other passion is graduate medical education. She is 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 filled by extremely bright and talented fellows. She supervises a weekly neurology resident continuity clinic and enjoys teaching medical students and neurology and psychiatry residents and fellows. She been awarded the Lysia S. Forno Award for outstanding contributions to resident teaching.

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, Neurology & Neurological Sciences
- 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 Electrodagnostic Medicine (2021 - present)
- Member, Ultrasound Committee, American Association of Neuromuscular and Electrodagnostic Medicine (2016 - 2021)
- Member, GME Committee, American Association of Neuromuscular and Electrodagnostic Medicine (2017 - 2021)
- Member, American Association of Neuromuscular and Electrodagnostic Medicine (2012 - present)
- Member, American Academy of Neurology Neuromuscular Section (2012 - present)
- Member, American Academy of Neurology (2009 - present)

PROFESSIONAL EDUCATION

- 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
- 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, 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

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

- **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-?