Stanford



Safwan Jaradeh, MD

Professor of Neurology and Neurological Sciences (Adult Neurology) and, by courtesy, of Psychiatry and Behavioral Sciences

CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroscience Health Center**

  213 Quarry Rd

  MC 5957 Fl 2

  Palo Alto, CA 94304

  Tel (650) 723-6469 **Fax** (650) 725-0390

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Gayla M. Weng - Administrative Assistant

  Email gweng@stanford.edu

  Tel 650.725.7623

Bio

CLINICAL FOCUS

- Clinical Neurophysiology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Adult Neurology
- Professor-Univ Med Line (By courtesy), Psychiatry and Behavioral Sciences
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Director, Muscle and Nerve Laboratory, Medical College of Wisconsin, Milwaukee, Wisconsin, (1992-2011)
- Director, Autonomic Laboratory, Medical College of Wisconsin, Milwaukee, Wisconsin, (1993-2011)
- Director, Neuromuscular Division, Medical College of Wisconsin, Milwaukee, Wisconsin, (1996-2011)
- Director, Neurophysiology Fellowship, Medical College of Wisconsin, Milwaukee, Wisconsin, (1997-2002)
- Neurology Service Chief, Froedtert Hospital, Milwaukee, Wisconsin, (1997-2010)
- Autonomic Society Strategic Committee for Consensus Statement, American Autonomic Society, (1997- present)
- Professor and Chair, Department of Neurology, Medical College of Wisconsin, Milwaukee, Wisconsin, (2000-2011)
- Professor and Director, Autonomic Disorders Program, Stanford University, Stanford, California, (2011- present)

HONORS AND AWARDS

- Research Travel Award, Department of Neurology, University of Pennsylvania, Philadelphia, Pennsylvania (1981)
- Muscular Dystrophy Association Award, Department of Neurology (1990, 1993, 1994)
- Health Advancement Award Nomination, Combined Health Appeal of Wisconsin (1994)
- Teacher of the Year Award, Department of Neurology, Medical College of Wisconsin, Milwaukee, Wisconsin (1991, 1992, 1996, 1999)
- Editorial Board, Neurology Section, Wisconsin Medical Journal (1996-2001)

- Editorial Board, Journal of Clinical Neuromuscular Disease (2000-2005)
- Top Doctors, in the United States (2000-2011)
- Fellowship Award, American Academy of Neurology (2000)
- Fellowship Award, Americal College of Physicians and the American Academy of Internal Medicine (2005)
- Fellowship Award, American Neurological Association (2007)

PROFESSIONAL EDUCATION

- Fellowship: Mayo Clinic Rochester (1988) MN
- Board Certification: Autonomic Disorders, United Council for Neurologic Subspecialties (2011)
- Board Certification: Electrodiagnostic Medicine, American Board of Electrodiagnostic Medicine (1990)
- Board Certification: Clinical Neurophysiology, American Board of Psychiatry and Neurology (1996)
- Residency: University of Michigan Hospital (1989) MI
- Board Certification: Neurology, American Board of Psychiatry and Neurology (1988)
- Residency: University of Cincinnati (1987) OH
- Residency: Universite Paris VI - Pierre et Marie Curie Hospitals (1984)
- Internship: Mouassat University Hospital (1979)
- Medical Education: Faculty of Medicine (1979)
- Board Certification, Clinical Neurophysiology , American Board of Psychiatry and Neurology (2006)
- Board Certification, Clinical Neurophysiology , American Board of Electrodiagnostic Medicine (1989)
- Board Certification, Neurology , American Board of Psychiatry and Neurology (1988)
- Board Certification, Neurology , French Board of Psychiatry and Neurology (1984)
- Fellowship, Mayo Clinic , Rochester, Minnesota USA (1987)
- Fellowship, Departments of Neurology and Physical Medicine and Rehabilitation, University of Michigan , Ann Arbor, Michigan USA (1987)
- Residency, University of Cincinnati Medical Center , Ohio USA (1987)
- Residency, La Pitie-salpetriere and Bicetre Hospitals, Universite de Pierre et Marie Curie , Paris, France (1984)
- M.D., Faculty of Medicine , University of Damascus, Syria (1979)
- BSc., French Laic School , Damascus, Syria (1973)

LINKS

- Video Story: https://stanfordhealthcare.org/stanford-health-care-now/why-i-got-into-medicine/why-medicine-safwan-jaradeh-md.html
- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Clinical interests include autonomic disorders, small fiber neuropathies and the development of effective methods of testing and treating these disorders. Prior work has focused on small fiber painful and autonomic neuropathies; syndromes of orthostatic intolerance and syncope; gastrointestinal motility dysfunction; cyclic vomiting; protacted Gastroesophageal Reflux; non-allergic rhinitis syndromes; and the relationship between the autonomic nervous system and normal or abnormal sleep. Additional areas of interest include the neurology of phonation and swallowing disorders, and peripheral nerve injury and repair.

Publications

PUBLICATIONS

- **Children With PANS May Manifest POTS.** *Frontiers in neurology*
  Chan, A., Gao, J., Houston, M., Willett, T., Farhadian, B., Silverman, M., Tran, P., Jaradeh, S., Thienemann, M., Frankovich, J.
  2022; 13: 819636

- **Epileptic Seizure Induced by Head-Up Tilt: A Case Series Study.** *Journal of clinical neurophysiology : official publication of the American Electroencephalographic Society*
  Toprani, S., Jaradeh, S., Falco-Walter, J. J.
  2022

- **ANA Investigates Dysautonomia.** *Annals of neurology*
  Richie, M., Goss, A., Jaradeh, S.
  2021

- **Cutaneous Alpha-Synuclein is Correlated with Autonomic Impairment in Isolated REM Sleep Behavior Disorder.** *Sleep*
  Miglis, M. G., Zitser, J., Schneider, L., During, E., Jaradeh, S., Freeman, R., Gibbons, C. H.
  2021

- **Cutaneous Alpha-Synuclein is Correlated with Autonomic Impairment in Isolated REM Sleep Behavior Disorder**
  Miglis, M., Zitser-Koren, J., Rajan, S., During, E., Schneider, L., Jaradeh, S., Freeman, R., Gibbons, C.
  LIPPINCOTT WILLIAMS & WILKINS.2021

- **Orthostatic intolerance with Klippel-Trenaunay syndrome.** *Clinical autonomic research : official journal of the Clinical Autonomic Research Society*
  Sinn, D. I., Shaik, R., Miglis, M. G., Muppidi, S., Jaradeh, S.
  2021

- **Myasthenia Symptom Burden, Fatigue, and Sleep: Are They Related?** *Journal of clinical neuromuscular disease*
  Yang, S., Miglis, M. G., Jaradeh, S., Muppidi, S.
  2021; 22 (3): 123–28

- **Autonomic function test during the COVID-19 pandemic: the Stanford experience.** *Clinical autonomic research : official journal of the Clinical Autonomic Research Society*
  Sinn, D. I., Muppidi, S. n., Miglis, M. G., Jaradeh, S. n.
  2021

- **A case report of postural tachycardia syndrome after COVID-19.** *Clinical autonomic research : official journal of the Clinical Autonomic Research Society*
  Miglis, M. G., Prieto, T., Shaik, R., Muppidi, S., Sinn, D., Jaradeh, S.
  2020

- **Association of GAD-65 Antibodies with Autonomic Dysfunction in non-Type I diabetic patients**
  Bozinov, N., Kipp, L., Nguyen, L., Jaradeh, S.
  LIPPINCOTT WILLIAMS & WILKINS.2020

- **Management of cyclic vomiting syndrome in adults: Evidence review.** *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*
  Sharaf, R. N., Venkatesan, T., Shah, R., Levinthal, D. J., Tarbell, S. E., Jaradeh, S. S., Hasler, W. L., Issenman, R. M., Adams, K. A., Sarosiek, I., Stave, C. D., Li, B. U., Sultan, et al
  2019; 31 Suppl 2: e13605

- **Guidelines on management of cyclic vomiting syndrome in adults by the American Neurogastroenterology and Motility Society and the Cyclic Vomiting Syndrome Association.** *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*
  Venkatesan, T., Levinthal, D. J., Tarbell, S. E., Jaradeh, S. S., Hasler, W. L., Issenman, R. M., Adams, K. A., Sarosiek, I., Stave, C. D., Sharaf, R. N., Sultan, S., Li, B. U.
  2019; 31 Suppl 2: e13604

- **Role of chronic cannabis use: Cyclic vomiting syndrome vs cannabinoid hyperemesis syndrome.** *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*
  Venkatesan, T., Levinthal, D. J., Li, B. U., Tarbell, S. E., Adams, K. A., Issenman, R. M., Sarosiek, I., Jaradeh, S. S., Sharaf, R. N., Sultan, S., Stave, C. D., Monte, A. A., Hasler, et al
  2019; 31 Suppl 2: e13606
- **Cyclic vomiting syndrome: Pathophysiology, comorbidities, and future research directions.** *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*
  Hasler, W. L., Levinthal, D. J., Tarbell, S. E., Adams, K. A., Li, B. U., Issenman, R. M., Sarosiek, I., Jaradeh, S. S., Sharaf, R. N., Sultan, S., Venkatesan, T.
  2019; 31 Suppl 2: e13607
- **Author response: Video NeuroImages: Paraneoplastic spinal myoclonus associated with Caspr2 antibodies.** *Neurology*
  Hines, H., Murray, N. M., Ahmad, S., Jaradeh, S., Gold, C. A.
  2019; 92 (6): 303
- **Wired for Threat: Clinical Features of Nervous System Dysregulation in 80 Children.** *Pediatric neurology*
  Elbers, J., Jaradeh, S., Yeh, A. M., Golianu, B.
  2018
- **Postural Orthostatic Tachycardia: The Stanford experience**
  Jaradeh, S., Muppidi, S., Miglis, M., Sinn, D., Krugomova, I., Prieto, T.
  LIPPINCOTT WILLIAMS & WILKINS.2018
- **Myasthenia Symptom Burden, Sleep and Fatigue: Are they related?**
  Yang, S., Miglis, M., Jaradeh, S., Muppidi, S.
  LIPPINCOTT WILLIAMS & WILKINS.2018
- **Video NeuroImages: Paraneoplastic spinal myoclonus associated with Caspr2 antibodies.** *Neurology*
  Hines, H., Murray, N. M., Ahmad, S., Jaradeh, S., Gold, C. A.
  2018; 90 (14): 660–61
- **The clinical utility of qualitative electroencephalography during tilt table testing - A retrospective study** *CLINICAL NEUROPHYSIOLOGY*
  Muppidi, S., Razavi, B., Miglis, M. G., Jaradeh, S.
  2018; 129 (4): 783–86
- **A case series of REM sleep behavior disorder in pure autonomic failure** *CLINICAL AUTONOMIC RESEARCH*
  Miglis, M. G., Muppidi, S., During, E., Jaradeh, S.
  2017; 27 (1): 41-44
- **Pediatric Anti-ganglionic Antibody Positive Autonomic Neuropathy: Clinical Presentation and Response to Treatment** *PEDIATRIC NEUROLOGY*
  Tiongson, E., Pimentel, N., Ramos-Platt, L., Jaradeh, S.
  2016; 64: 72-76
- **A case series of REM sleep behavior disorder in pure autonomic failure.** *Clinical autonomic research*
  Miglis, M. G., Muppidi, S., During, E., Jaradeh, S.
  2016: -?
- **Sleep disorders in patients with postural tachycardia syndrome.** *Clinical autonomic research*
  Miglis, M. G., Muppidi, S., Feakins, C., Fong, L., Prieto, T., Jaradeh, S.
  2016; 26 (1): 67-73
- **Cumulative Brain Injury from Motor Vehicle-Induced Whole-Body Vibration and Prevention by Human Apolipoprotein A-I Molecule Mimetic (4F) Peptide (an Apo A-I Mimetic)** *JOURNAL OF STROKE & CEREBROVASCULAR DISEASES*
  Yan, J., Zhang, L., Agresti, M., Yan, Y., LoGiudice, J., Sanger, J. R., Matloub, H. S., Pritchard, K. A., Jaradeh, S. S., Havlik, R.
  2015; 24 (12): 2759-2773
- **Cumulative Brain Injury from Motor Vehicle-Induced Whole-Body Vibration and Prevention by Human Apolipoprotein A-I Molecule Mimetic (4F) Peptide (an Apo A-I Mimetic).** *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*
  Yan, J. G., Zhang, L. L., Agresti, M., Yan, Y., LoGiudice, J., Sanger, J. R., Matloub, H. S., Pritchard, K. A., Jaradeh, S. S., Havlik, R.

2015; 24 (12): 2759-73

- **Prevalence of REM sleep behavior disorder in multiple system atrophy: a multicenter study and meta-analysis** *CLINICAL AUTONOMIC RESEARCH*
  Palma, J., Fernandez-Cordon, C., Coon, E. A., Low, P. A., Miglis, M. G., Jaradeh, S., Bhaumik, A. K., Dayalu, P., Urrestarazu, E., Iriarte, J., Biaggioni, I., Kaufmann, H.
  2015; 25 (1): 69-75
- **Surface-evoked laryngeal sensory action potential evaluation in neurogenic chronic cough.** *Journal of voice*
  Bock, J. M., Koszewski, I. J., Blumin, J. H., Toohill, R. J., Merati, A. L., Prieto, T. E., Jaradeh, S. S.
  2014; 28 (5): 624-630
- **The Correlation between Calcium Intensity and Histopathological Changes in Brachial Plexus Nerve Injuries** *JOURNAL OF RECONSTRUCTIVE MICROSURGERY*
  Davis, J., O'Connor, E., Zhang, L., Agresti, M., Matloub, H. S., Sanger, J., Jaradeh, S. S., Yan, J.
  2013; 29 (7)
- **Fatigue Prevalence and Correlates in a Cohort of Patients with Autonomic Dysfunction**
  Barboi, A., Jaradeh, S., Ouyang, B., Yellick, M., Prieto, T.
  LIPPINCOTT WILLIAMS & WILKINS.2013
- **A new noninvasive method for determination of laryngeal sensory function.** *Laryngoscope*
  Bock JM, Blumin JH, Toohill RJ, Merati AL, Prieto TE, Jaradeh SS.
  2011; 121 (1): 158-163
- **Helicoid end-to side and oblique attachment technique in repair of the musculocutaneous nerve injury with the phrenic nerve as a donor: an experimental study in rats.** *Microsurgery*
  Yan YH, Yan JG, Matloub HS, Zhang LL, Hettinger P, Sanger J, Jaradeh SS.
  2011; 31 (2): 122-129
- **Autonomic nerve function in adults with cyclic vomiting syndrome: a prospective study.** *Neurogastroenterol Motility*
  Venkatesan T, Prieto T, Barboi A, Li B, Schroeder A, Hogan W, Ananthakrishnan A, Jaradeh S.
  2010; 22 (12) (e339): 1303-1307
- **Performing and Processing FNA of Anterior Fat Pad for Amyloid.** *Journal of Visualized Experiments*
  Shidham VB, Hunt B, Jaradeh SS, Barboi AC, Devata S, Hari P.
  2010; (44): 1747
- **Impact of Autonomic Dysfunction on Inflammatory Bowel Disease.** *J Clin Gastroenterol*
  Ananthakrishnan AN, Issa M, Barboi A, Jaradeh S, Zadvornova Y. Skaros S, Johnson K, Otterson MF, Binion DG.
  2010; 44 (4): 272-279
- **Neuromuscular manifestations in a patient with Ehlers-Danlos type IV.** *J Clinical Neuromuscular Disease*
  Barboi A, Dennis C, Timins M, Peltier W, Klotz C, Jaradeh S.
  2009; 11 (2): 81-87
- **Cortical brain mapping of peripheral nerves using functional magnetic resonance imaging in a rodent model.** *Journal of Reconstructive Microsurgery*
  Cho YR, Johns SR, Pawela CP, Li R, Kao DS, Shulte ML, Runquist ML, Yan JG, Hudetz AG, Jaradeh SS, Hyde JS, Matloub HS.
  2008; 24 (8): 551-558