CURRICULUM VITAE

Lawrence R. Poree

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EDUCATION

- 2001-2002 Pain Fellowship, University of California at San Francisco, San Francisco, CA
- 1998-2001 Anesthesia Residency, Stanford University Medical Center, Stanford, CA.
- 1997-1998 Transitional Internship; Santa Clara Valley Medical Center, San Jose, CA
- 1993-1997 M.D.; Stanford University School of Medicine
- 1988-1989 Postdoctoral Fellowship in Biomedical Engineering and Neuroscience: The Johns Hopkins University School of Medicine
- 1985-1988 Ph.D. Toxicology/Environmental Health Sciences; University of California School of Public Health at Berkelev
- 1983-1984 M.P.H. Toxicology/Environmental Health Sciences; University of California School of Public Health at Berkeley
- 1977-1981 B.A. Pharmacology: University of California at Santa Barbara

BOARD CERTIFICATIONS

American Board of Anesthesiology; Board Certified

American Board of Anesthesiology with certification in Pain Management; Board Certified

American Academy of Pain Medicine; Board Certified

POSITIONS

- 2011-present Board of Directors for the North American Neuromodulation Society
- 2002-present Assistant Professor, Department of Anesthesiology, Pain Management Center University of California at San Francisco
- 2002-present Private Practice: Pain Clinic of Monterey Bay, Aptos, California
- 1993-1997 Staff Research Associate, Department of Anesthesia, Stanford University, Stanford, CA
- 1992-1993 Clinical Scientist; Department of Family Practice
 - The David Grant Medical Center, Travis Air Force Base, California
- 1989-1992 Faculty Research Associate; Department of Biomedical Engineering; The Johns Hopkins University School of Medicine, Baltimore, Maryland
- 1984-1988 Graduate research and teaching assistant; Department of Biomedical and Environmental Health Sciences, University of California, Berkeley, CA
- 1982-1983 Research technician; Children's Hospital Medical Center, Oakland, CA
- 1981-1982 Toxicology technician; San Francisco Coroner's Office San Francisco, CA

EDITORIAL BOARDS

2011-present editorial board for peerEmed.com editorial board for journal Pain

2008-present editorial board for journal Neuromodulation

SOCIETY MEMBERSHIP

- 1995-present International Association for the Study of Pain
- 2001-present International Spinal Injection Society
- 2001-present American Academy of Pain Medicine
- 2003-present American Society of Interventional Pain Physicians
- 2003-present International Neuromodulation Society
- 2003-present North American Neuromodulation Society
- 2007-present International Pelvic Pain Society

INVITED LECTURES

- **2010:** Santa Cruz County Health Services Agency: Update on Risk evaluation and management of opioid therapy
- 2010 Australian Chapter of the International Neuromodulation Society: Dorsal Root Ganglion Stimulation: a Novel Target for Neuromodulation.
- 2009: Society of Urological Nurses Associates; Interdisciplinary care of patients with pelvic pain March 2009, San Francisco, CA
- 2008: Napa Pain Conference: S.A.F.E. Principles Used to Develop Algorithms Using Spinal Cord Stimulation. October 2008, Napa CA
- 2008: California Society of Physical Medicine and Rehabilitation Annual Meeting. Topic: Advances in Neuromodulation Therapy, Las Vegas, NV May, 2008
- 2006: UCSF sponsored conference on The Changing Practice of Anesthesia.

 Topic: Advances in the treatment of Neuropathic Pain. San Francisco, April 2006
- 2005: Grand Rounds at Dominican Hospital. Topic: Neuromodulation in the treatment of Peripheral Vascular Disease and Angina
- 2003-2004: Program director and lecturer for 12 hour course on Pain Management and End of Life Care sponsored by the Santa Cruz Medical Society, Santa Cruz Health Department, Dominican Hospital, and Watsonville Hospital.

PUBLICATIONS

Krames, Elliot S.; Monis, Sayed; Poree, Lawrence; Deer, Timothy; Levy, Robert: Using the SAFE Principles When Evaluating Electrical Stimulation Therapies For the Pain of Failed Back Surgery Syndrome Neuromodulation: 2011 July/August issue, Volume 14, Number 4 in Press

Henderson, Jaimie.; Levy, Robert; Bedder, Marshall; Staats, Peter; Slavin, Konstantin; Poree, Lawrence; North, Richard NANS Training Requirements for Spinal Cord Stimulation Devices: Selection, Implantation, and Follow-up.: Neuromodulation 2009 vol 12:3(p 171-174)

Krames, E., Poree, L.R., Deer, T., Levy, R: Implementing the SAFE Principles for the Development of Pain Medicine Therapeutic Algorithms That Include Neuromodulation Techniques Neuromodulation 2009 vol 12:2(p 104-113)

Krames, E., Poree, L., Deer, T., Levy, R: Editorial: Neuromodulation for pain management: Pain Medicine Vol. 10:1, 1-5, 2009

Poree, L.R., Guo, T.Z., Kingery, W.S., Maze, M.: The analgesic potency of dexmedetomidine is enhanced after nerve injury: a possible role for peripheral alpha2-adrenoceptors. Anesth Analg. 87(4): 941-948, 1998

- Kingery, W.S., Guo, T.Z., Poree, L.P., Maze, L.P.: Colchicine treatment of the sciatic nerve reduces neurogenic extravasation, but does not affect nociceptive thresholds or collateral sprouting in neuropathic or normal rats. Pain 74(1): 11-20, 1998
- Guo, T.Z., Poree,L., Golden, W., Fujinaga,M., Maze,M.: The antinociceptive response to nitrous oxide is medaited by supraspinal opiate and spinal $\alpha 2$ adrenergic recetpors in the rat. Anesthesiology, 85(4): 846-852, 1996
- Poree, L.R. and Schramm, L.P. Role of cervical neurons in propriospinal inhibition of thoracic dorsal horn neurons. Brain.Res. 599:302-308, 1992.
- Poree, L.R. and Schramm, L.P. Interaction between medullary and cervical regulation of renal sympathetic activity. Brain.Res. 599:297-301, 1992.
- Schramm, L.P., and Poree, L.R.: Medullo-spinal modulation of sympathetic output and spinal afferent input. J. Cardiovascular Electrophysiology Supp. 2:S18-S25, 1991
- Poree, L.P., Dickenson, A.H., and Wei, E.T.: Corticotropin-releasing factor inhibits the response of trigeminal neurons to noxious heat. Brain Res. 502:349-355, 1989
- Poree, L.P., Dickenson, A.H., and Wei, E.T.: Corticotropin-releasing factor inhibits the response of trigeminal neurons to noxious heat. Brain Res. 502:349-355, 1989
- Kiang, J.G., Poree, L.R., and Wei, E.T.: Anti-inflammatory activity of corticotropin-releasing factor: II. Mechanisms of action. Proc. West. Pharmacol. Soc. 30:63-65, 1987

ABSTRACTS

- Poree, Lawrence R. Anatomy, Pathophysiology, and Neuromodulation of the Dorsal Root Ganglion-Why You Should Care; Neuromodulation 2011;14:89-91
- Poree, LR; Krames, E.: Use of anatomical and biochemical techniques to confirm intrathecal catheterization: A case report. International Neuromodulation Conference 2007.
- Angst,M.S.; Poree,L.R.; Ramaswamy,B.: Reliable quantification of opioid analgesia with a new experimental pain model in man. Clinical Pharmacology & Therapeutics 61(2):III1, 1997
- Kingery, W.S., Poree, L.R., Guo, T.Z., Maze, M.: Colchine treatment of the sciatic nerve causes a prolonged reduction of neurogenic extravasation, but does not affect saphenous mediated nociceptive thresholds, autotomy behavior, or saphenous collateral sprouting in normal or sciatic transected rats. International Association for the Study of Pain 8:27, 1996
- Maze, M., Kingery, W.S., Guo, T.Z., Macmillan, L., Limbird, L., Poree, L.R.: Tibial sectioned mice become insensitive to the analgesic but not the sedative effects of dexmedetomidine, and can develop a neuropathic hyeralgesia independent of $\alpha 2$ -A receptor function. International Association for the Study of Pain 8:348, 1996
- Angst, M.S., Poree, L.R., Dyck, J.B.: Evaluation of sequential, centering and spacing bias in a new experimental pain model in humans. International Association for the Study of Pain 8:332, 1996

Poree, L.R., Angst, M.S., Dyck, J.B.: Evaluation of a new experimental electrical pain model in humans. International Association for the Study of Pain 8: 332, 1996

Poree, L.R., Guo, K.; Limbird, L.; Maze, M: Dexmedetomidine inhibits nociception in wild type but not transgenic mice with alpha-2A adrenoceptors uncoupled from potassium channels. American Pain Society meeting, 1995

Poree, L.R.; Guo, K.; Kingery, W.; Maze, M: Analgesic actions of dexmedetomidine in an animal model of neuropathic pain: Society for Neuroscience Abstracts 20: 305, 1994

Poree, L.R. and Schramm, L. P.: Role of thoracic interneurons in cervically-evoked sympathoinhibition in the rat. Society for Neuroscience Abstracts 16:216, 1990

Poree, L.R. and Schramm, L. P.: Bilateral injection of muscimol into the rat rostral ventrolateral medulla fails to decrease mean renal nerve activity. Society for Neuroscience Abstracts 15:592, 1989

Poree, L.R., Dickenson, A.H., and Wei, E.T.: Corticotropin-releasing factor inhibits trigeminal nociceptive neurons. The Pharmacologist 29:129, 1987.

Poree, L.R. and Wei, E.T.: Evidence for peripheral inhibitory actions of an enkephalin analog on trigeminal nociceptive neurons. International Narcotics Research Conference, 18:176, 1987