

Michael Joseph Creamer

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Curriculum Vitae

Doctor of osteopathic medicine

Education and Credentials

Physical Medicine & Rehabilitation Residency, 1991

Northwestern University- McGaw Medical Center, Chicago, Illinois

Rotating Internship, 1988

Chicago College of Osteopathic Medicine, Chicago, Illinois

Doctor of Osteopathy, 1987

Chicago College of Osteopathic Medicine, Chicago, Illinois

Bachelor of Arts, Biology, Cum Laude, 1983

Western Maryland College/McDaniel College, Westminster, Maryland

— Qualifications & Licensure —

Osteopathic Physician, State of Florida

License # OS 6307, 1991

— Board Certification —

American Board of Physical Medicine and Rehabilitation, 1991

ABMS Spinal Cord Injury Medicine, 2008 - 2028

ABMS/AOBPMR Pain Management, 2020 – 2030

American Osteopathic Board of Physical Medicine and Rehabilitation, 1991

American Academy of Electrodiagnostic Medicine Certification, 2005- 2025

academic courses

Minimally Invasive Lumbar Decompression (MILD)(2025/04) • Sacroiliac Joint Fusion Course -Orthofundamentals (2023/11) • American Osteopathic Annual Meeting/American Osteopathic College of Physical Medicine Annual Meeting - Program Chair (2023/10) • Intracept Physician Training Program (2022/06) • North American Neuromodulation Society Advanced Therapies Workshop for Pain and Neuromodulation/MILD Cadaver Training, The North American Neuromodulation Society Annual Meeting (2022/02) • Spinal Simplicity and Pain TEQ Cadaver Course on Minuteman/Interlaminar Fusion Device Training and SI Joint Fusion (2021/02) • American Academy of Physical Medicine and Rehabilitation Annual meeting (2019/11) • American Academy of Physical Medicine and Rehabilitation Annual Meeting (2018/10) • Florida Society of Interventional Pain Physicians/Florida Society of Physical Medicine and Rehabilitation Medicine Annual Meeting (2018/07) • American Academy of Physical Medicine and Rehabilitation Annual Meeting (2017/10) • American Osteopathic Annual Meeting (2017/10) • International Neuromodulation Society World Congress (2017/06) • North American Neuromodulation Society Annual Meeting (2019/01, 2018/01, 2017/01,) • Florida Society of Physical Medicine and Rehabilitation Annual Scientific Meeting (2016/08) • HALYARD Cooled RF Lesioning Course Celebration (2016/02) • StimWave Spinal Stimulator Course (2016/02) • North American Neuromodulation Society Annual Meeting (2015/12)•American Osteopathic Association Annual Meeting (2015/10) • Vertebroplasty and Vertebral Augmentation Course CAMLS (2015/01) • Vertebral Body Augmentation – SMART Lab DePuy Synthes Institute Course Completion (2014/12) • National Osteoporosis Foundation Annual Meeting (2014/04) • Completion of Transmucosal Immediate Release Fentanyl (TIRF) Risk Evaluation and Mitigation Strategy Access program (2014/01) • Annual Osteopathic Medical Conference (2013/10) • Florida Osteopathic Medical Association Mid – Year Seminar (2013/09) • Good Clinical Practice for Investigational Site (2013/02) • American Academy of Physical Medicine and Rehabilitation Annual Assembly (2012/11) • Hands -On Diagnostic Musculoskeletal Ultrasound (2012/11) • American Association of Neuromuscular & Electrodiagnostic Medicine • Advanced Ultrasound Hands-On Approach (2012/10) • Radiofrequency Rhizotomy Course Sponsored by Kimberly Clarke (2012/05) • SI Joint Fixation Course (2012/04) • American Academy of Physical Medicine and Rehabilitation Annual Assembly • Musculoskeletal Ultrasound Course (2011/11) • American Osteopathic Association Annual Convention (2011/10) • Persistent Pain in the Older Adult (2011/05) • DePuy Spine Vertebroplasty Training Course (2011/04) • American Osteopathic Association Annual Convention (2009/11) • SPINE-FIX Vertebroplasty Training Course- Ortho Global Education Centre • Smith&Nephew (2008/05) • Minimally Invasive Spine Physician Training Course - Ortho Global Education Centre (2008/05) • 9th Annual Pain Management Symposium (2007/02)

Scientific Assembly 2004 • American Academy of Family Physicians (2004/10) • Needle Placement for Lumbar Discography (2004/01) • IDET IntraDiscal ElectroThermal Therapy & ElectroThermal Disc Decompression (2004/01) • American Academy of Physical Medicine and Rehabilitation (2002/11) • Update of Electrodiagnostic Medicine • American Osteopathic College of Rehabilitation Medicine (2002/02) • American Osteopathic Association Annual Convention (2001/12) • Electrodiagnostic Medicine Review Course (1999/09) • Managing Severe Spasticity (1999/08) • American Osteopathic College of Rehabilitation Medicine - Program Chairman (1998/05) • American Osteopathic Association Annual Convention (1997/10) • American Osteopathic Association Annual Convention (1996/10) • American Osteopathic College of Rehabilitation Medicine • American Osteopathic Association Annual Convention - Program Chairman (1995/11) • Mayo Clinic Electrodiagnostic Review Course (1995/03) • Wound Management Course (1994/08) • American Osteopathic College of Rehabilitation Medicine 1994 Clinical

Conference (1994/04) • American Academy of Physical Medicine and Rehabilitation 55th Annual Assembly (1993/10) • Kessler Institute of Rehabilitation Review Course of Physical Medicine & Rehabilitation (1992/03) • American Academy of Physical Medicine and Rehabilitation 53rd Annual Assembly (1991/10) • American Academy of Physical Medicine and Rehabilitation 52nd Annual Assembly (1990/10) • American Association of Electrodiagnostic Medicine 37th Annual Scientific Meeting (1990/04) • Lower and Upper Limb Orthotics for Physicians and Surgeons • Northwestern University, Department of Prosthetics (1989/09) • American Association of Electromyography and Electrodiagnosis • 36th Annual Scientific Meeting (1998/10) • Lower and Upper Limb Prosthetics for Physicians and Surgeons • Northwestern University, Department of Prosthetics (1991/08)

Professional Experience

Neuromodulation

MANUSCRIPT REVIEWer (January 2019 to 2024)

Central Florida Pain Relief Centers

Medical Director (2014 to present)

Rehabilitation Medical Group, PA

Medical director (September 1992 to August 2014)

Park Place Surgery Center

MEDICAL DIRECTOR (January 2012 to present)

Archives of Physical Medicine and Rehabilitation

MANUSCRIPT REVIEWER (September 1991 to January 2010)

MEDICAL DIRECTOR – Muscular Dystrophy Association (1997 to 2011)

Genex Corporation

MEDICAL DIRECTOR (August 1997 to January 2010)

Orlando Regional Lucerne Medical Center

comprehensive inpatient rehabilitation unit MEDICAL DIRECTOR (September 1992 to December 1999)

Florida Department of Labor Division of Worker's Compensation

Expert Medical Advisor (May 1995 to Present)

Southern Ballet Theatre

STAFF PHYSICIAN (January 1999 to January 2015)

The Johns Hopkins University School of Medicine Department of Rehabilitation Medicine

FULL TIME FACULTY (September 1991 to August 1992)

Scholastic Activities

CLINICAL ASSISTANT PROFESSOR – Florida State University (2004 - Present)

CHAIRMAN, EDUCATION COMMITTEE – American Osteopathic College of Rehabilitation Medicine (1997 - 1999)

PRECEPTOR – University of Central Florida School of Physical Therapy (1994 - 2014)

Preceptor – Florida Hospital Family Practice Residency (1992 - Present)

Military Experience

United States Army Reserves (1989 – 1991)

Officer in Charge – Midway Airport Flight Surgeon's Clinic at Aviation Support Facility No. 2 (1989)

Completed U.S. Army Flight Surgeons Course (1989)

Promoted to Captain in the Illinois Army National Guard (1987)

Direct Commission as Second Lieutenant into United States Army Reserves (1986)

Publications

- 1. Peterson EA, ..., Creamer MJ et al, High Frequency 10-kHz Spinal Cord Stimulation Provide Long-Term (24-Month) Improvements in Diabetes-Related Pain and Quality of Life for Patients with Painful Diabetic Neuropathy, Jpurnal of Diabetes Science and Technology. 2024;0(0).doi:10.1177/19322968241268547

- 1. Creamer, MJ, Ranjan, A, Left Sixth Nerve Palsy and Subdural Hygroma Following Intrathecal Pump Placement: A Case Report, Pain Medicine Case Reports (2023) Volume 7, Number 8, pp. 385-387
- 1. Peterson EA, ..., Creamer MJ et al, Long -Term Efficacy of High Frequency (10kHz) Spinal Cord Stimulation for the Treatment of Painful Diabetic Neuropathy: 24 Month Results of a Randomized Controlled Trial, Diabetes Research and Clinical Practice (2023), doi:<https://doi.org/10.1016/j.diabres.2023.110865>
- 1. Peterson EA, Stauss TG, Creamer MJ, et al. High Frequency 10-kHz Spinal Cord Stimulation Improves Health-Related Quality of Life in Patients With Refractory Painful Diabetic Neuropathy: 12 Month Results From a Randomized Controlled Trial. Mayo Clin Proc Innov Qual Outcomes. 2022 Aug; 6(4): 347-360. Published Online 2022 Jul 1. doi: 10.1016/j.mayocpiqo.2022.05.003, PMCID: PMC9256824, PMID: 35814185
- 1. Bolash R, Creamer M, Rauck R, Vahedifar P, Calodney A, Fox I, Ozaktay C, Vanquathem N. Multi-waveform Spinal Cord Stimulation with High Frequency Electromagnetic Coupled (HF-EMC) Powered Implanted Electrode Array and Receiver for the Treatment of Chronic Back and Leg Pain (SURF Study). Pain Physician. 2022 Jan;25(1):67-76. PMID: 35051146
- 1. Creamer, M [Editorial Comment] Sorrieul J., Robert J., Dupoirion D., Devys C. 2021 Stability Study of Admixtures combining Ziconotide with Morphine or Sufentanil in Polypropylene Syringes. Neuromodulation 2021; 24: 1145 – 1156
- 1. Peterson E, Stauss T, Scowcroft J, Brooks E, White J, Sills S, Amirdelfan K, Guirguis M, Xu J, Yu C, Nairizi A, Paterson D, Tsoulfas K, Creamer M, et al Effects of High-frequency (10-kHz) Spinal Cord Stimulation in Patients With Painful Diabetic Neuropathy. A Randomized Clinical Trial. JAMA Neurol.doi:10.1001/jamaneurol.2021.0538
- 1. North R, Calodney A, Bolash R, Slavin K, Creamer M, et al Redesigning Spinal Cord Stimulation “Trials”: A Randomized Controlled Trial Using Single-Stage Wireless Permanent Implantable Devices.Neuromodulation. 2020 Jan; 23 (1):96 - 101.doi; 10.1111/ner.12970. Epub 2019 Jun 3. PMID:31157949; PMCID: PMC7004134

- 1. Bolash R, Creamer M, et al Wireless High Frequency Spinal Cord Stimulation (10 kHz) Compared with Multiwaveform Low-Frequency Spinal Cord Stimulation in the Management of Chronic Pain in Failed Back Surgery Syndrome Subjects: Preliminary Results of a Multicenter, Prospective Randomized Controlled Study. *Pain Med.*2019 Oct 1;20(10): 1971-1979.do: 10.1093/PM/PN2019.PMID: 30908577
- 1. Creamer M, Cloud G, Kossmehl P, et al Effect of Intrathecal Baclofen on Pain and Quality of Life in Poststroke Spasticity. A Randomized Trial (SISTERS). *Stroke.*2018 Sep;49(9): 2129 - 2137.doi:10.1161/STROKEAHA.118.022255. PMID:30359975; PMCID: PMC6116794
- 1. Nissen N, et al. Cardiovascular Safety of Celecoxib, Naprosyn or Ibuprofen for Arthritis. *N Engl J Med* See Supplementary Appendix. United States PRECISION Study Investigator.
- 1. Creamer M, Cloud G, Kossmehl P, et al Intrathecal baclofen therapy versus conventional medical management for severe poststroke spasticity: results from a multicenter, randomized, controlled, open label trial (SISTERS). *J Neurol Neurosurg Psychiatry* Published Online First: 11 January 2018.
- 1. Desai, M., Kapural, L., Petersohn, J., Vallejo, R., Menzies, R., Creamer, M., et al. A Prospective, Randomized, Multicenter, Open-Label Clinical Trial Comparing Intradiscal Biacuplasty to Conventional Medical Management for Discogenic Lumbar Back Pain *Spine* 2016 ;
- 1. Creamer, M. Compass Research LLC et al, Validation of a Multi-Sensor On-Body Monitoring System to Objectively Measure Changes in Physical Function and Sleep in Patients Undergoing a Spinal Cord Stimulation Trial.
- 1. Farooqui, N., Creamer, M., Smart, P. Intrathecal Steroid Therapy for Postherpetic Neuralgia. *NeuroTransmission*, February 2003.

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- 1. Creamer M. Opioid Regulation Concerns. Letter to the Editor. American Pain Society Bulletin 1993.
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- 1. Creamer M. Blendonohy B, Katz R, et al. Coronal Computerized Tomography and Cerebrospinal Fluid Rhinorrhea Arch Phys Med Rehab 1992.
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- 1. Creamer M. Rehabilitation of Young, Previously Active Stroke Patients. Journal of the Student Osteopathic Medical Association 1987.
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- 1. Creamer M. AIDS Education Program. Journal of the Student Osteopathic Medical Association 1986.

Professional Societies

American Academy of Physical Medicine & Rehabilitation

American Osteopathic Association

American Osteopathic College of Physical Medicine & Rehabilitation

American Association of Electrodiagnostic Medicine

Florida Society of Physical Medicine and Rehabilitation

Association of Academic Physiatrists

Awards

Distinguished Fellow Award, American Osteopathic College of Rehabilitation Medicine Annual Meeting
(2023/10)

Best Clinical Abstract Award Winner, Neuromodulation Society Annual Meeting (2018/01)

President, Florida Society of Physical Medicine and Rehabilitation (2014 - 2016)

Top Doctor, December editions of Orlando Magazine (2002/12 - 2023/12)

Scholl Fellowship in Rehabilitation Medicine Award, Rehabilitation Institute of Chicago (1991/06)

Rehabilitation Medicine Department Award, Chicago College of Osteopathic Medicine (1987/06)

Sigma Sigma Phi, Chicago College of Osteopathic Medicine (1987/06)

Phi Beta Kappa, Western Maryland College (1983/05)

Beta Beta Beta Biological Honor Society, Western Maryland College (1982/05)

Clinical trials

SENZA – Peripheral Diabetic Neuropathy Randomized Neuromodulation Trial NEVRO Corporation
Sponsored Research (2018 - 2021)

SURF 10 KHZ Wireless Spinal Cord Stimulator Randomized Clinical Trial. Stimwave Corporation
Sponsored Research (2016 - 2018)

A randomized, Double- Blind, Placebo-Controlled, Ascending-Dose Study to Evaluate the Safety and Efficacy of CEP-37247 Administered at Single Doses of 0.5, 1, 3, 6, or 12 mg by the Transforaminal Epidural Route for the Treatment of Patients with Lumbosacral Radicular Pain Associated with Disk Herniation (2011 – 2013)

NKTR-118 Opioid-Induced Constipation Program. AstraZeneca D3820C00008 (2010 – 2013)

Spasticity in Stroke - Randomized Study (SISTERS). Medtronic, Intl. 1.02.7001 (2010 – 2017)

A Prospective Multi-Centered Clinical Evaluation of the Eon Mini 16-Channel Implantable Pulse Generator in Combination with Percutaneous Leads for the Management of Chronic Pain of the Trunk and/or Limbs. St Jude Medical Neuromodulation. C-09-03. (2009 – 2014)

PUMP II: Prometra's Utilization in Mitigating Pain II; Medasys (formerly InSet Technologies. P-02 (2008 – 2010)

A 17-week Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi- Center Trial of Pregabalin for the Treatment of Chronic Central Neuropathic Pain after Spinal Cord Injury. Pfizer. A0081107. (2008 – 2010)

Opioid Utilization Study in Chronic Non-Cancer Pain; OPUS Registry. ENDO Pharmaceuticals, Inc. (2007 – 2013)

The PRECISION Study. "Prospective Randomized Evaluation of Celebrex Integrated Safety vs. Ibuprofen or Naproxen. Pfizer. A3191172. (2010 – 2016)

A Phase 2b Repeat Dosing Clinical Trial SB-509 in Subjects with Moderately Severe Diabetic Neuropathy. Sangamo BioSciences, Inc., SB-509-0901. (2010 – 2016)

A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Efficacy and Safety Trial of Bapineuzumab in Subjects with Mild to Moderate Alzheimer

Disease who are Apolipoprotein E e4 Carriers; Wyeth Research Division Protocol 3133K1-3001. (2010 – 2016)

A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study of the Safety, Tolerability, Pharmacodynamic and Pharmacokinetic effects Bms-708163 in the Treatment of Patients with Prodromal Alzheimer's Disease. Bristol-Myers Squibb. CN156018. (2010 – 2016)

Effect of Solanezumab, an Anti-Amyloid Beta Monoclonal Antibody, on the Progression of Alzheimer's Disease as Compared to Placebo. Eli Lilly and Co. H8A-MC-LZAM(b) (2010 – 2016)

A Phase 3 Extension, Multicenter, Double-Blind, Long Term Safety and Tolerability Treatment Trial of Bapineuzumab in Subjects with Alzheimer's Disease who Participated in Study ELN115727-301 or in Study ELN115727-302. JANSSEN Alzheimer Immunotherapy. Protocol ELN115727-351. (2010 – 2016)

Updated September 19, 2025