

CURRICULUM VITAE

William Porter McRoberts, M.D.

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Office

Florida Spine Specialists
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Education

2005-2006 ACGME Interventional Spine and Pain Medicine Fellowship, **Emory University**
2001-2005 Medicine and Rehabilitation Residency, **Loma Linda University**
2001-2002 Internship: Internal Medicine, **Loma Linda University**
1997-2001 **University of Kentucky School of Medicine**
1995-1997 Department of Medical Anthropology, **University of Kentucky**
1989-1993 BA Anthropology and Sociology, **Centre College**, Danville, KY

Boards

ABMS American Board of Physical Medicine and Rehabilitation through 2026
ABMS Pain Medicine -American Board of Physical Medicine and Rehabilitation Through 2026
AAPM&R Fellow of the American Academy of Physical Medicine and Rehabilitation

Employment/ Organizations

2020-Present Florida Spine Specialists
2006-2017 Developed Interventional Spine, Pain and Neurosurgical Institute, Past Medical Director of Interventional Spine, Pain, Neurosurgery, Holy Cross Hospital
2014-Present Anodyne Research, President
2016-Present Anodyne Consulting, President
2008-2011 Institutional Review Board, Holy Cross Hospital
2005-2006 ACGME Interventional Pain and Spine Fellowship (Chief), Emory

	University
2002-2005	PM&R Residency (Chief 2004-2005), Loma Linda University Medical Center
2001-2002	Internal Medicine Internship, Loma Linda University Medical Center
2002-2004	University Ethics Committee, Loma Linda University
2002-2004	Resident Advisory Council, Loma Linda University
1999-2001	Professional Code Committee, (Chair 2000-2001), University of Kentucky Medical School
09/1995-09/1997	NIA, National Institute On Aging, Alzheimer's Disease Researcher, Sanders Brown Center on Aging, Lexington, KY
06/1991-09/1991	Surgical Assistant & Research Coordinator, University of Kentucky Dept. of Orthopedics/Sports Medicine, Lexington, KY
06/1989-09/1989, 06/1998-09/1998	Research Assistant & Laboratory Technician, University of Kentucky Dept. of Gynecological Oncology, Lexington, KY

Awards, Memberships, and Associations

2016	Helen M. Babione Medical Scholarship, Rotary Club, Boca Raton Honor Your Doctor Award
2015-2016	Expert in Medicine Award, The Expert Network
2015	Present Medical Advisory Board, Vertiflex Medical
2015, 2016	Intrathecal Polyanalgesic Concensus Committee
2014	Present Medical Advisory Board, Bioness Medical
2015-Present	Medical Advisory Board Nalu Medical
2014-Present	Reviewer, Expert Review of Medical Devices
2010-Present	Medical Advisory Board ANS/St. Jude/Abbot
2014-Present	Medical Advisory Board, SPR Technologies
2011-Present	Medical Advisor Board, Medtronic
2014-2016	Medical Advisory Board, Flowonix Inc.
2014-Present	Reviewer, British Medical Journal
2013-Present	President Anodyne Research PA.
2013, 2015, 2016	Neuromodulation Appropriateness Concensus Committee
2013-2015	Consultant Gore Technologies
2013-Present	Editorial Reviewer: Clinical Neuroradiology
2011- Present	AAPMR academe faculty
2011-2012	Consultant Vertos Medical
2010-2011	Peripheral Nerve Field Advisory Board
2010-Present	Faculty: Pain Education Society
2010-Present	Editorial Reviewer: Neuromodulation: Technology at the Neural Interface
2010-2011	Consultant Bioness Inc.
2009-Present	Faculty Neuromodulation Academy

2009-2011	President Southeast Neuromodulation Associates Inc.
2009-2010	Consultant Boston Scientific Neuromodulation
2008-Present	Medical Director Dept. Pain Medicine, Holy Cross Hospital
2007-Present	Consultant, Speaker and Research Affiliate, St. Jude Neuromodulation
2005-2006	Chief Pain Fellow, Emory University
2005	Occupational Medicine Residency Internal Review Committee
2004-05	Chief PM&R Resident, Loma Linda University
2004-2005	American Pain Society Resident Honorarium
2001	Health Care Foundation of New Jersey Humanism in Medicine Award and Grant North American Spine Society, American Academy of Pain Medicine, American Society of Interventional Pain Physicians Florida Society of Interventional Pain Physicians, West Virginia Society of Interventional Pain Physicians International Neuromodulation Society, North American Neuromodulation Society, Fellow, The American Association of Physical Medicine and Rehabilitation

Current and Completed Research Trials

Principal Investigator: CA-2015-04 US UEP Upper Extremity Pain With High Frequency Stimulation NEVRO, Senza EUP US Study

Principal Investigator: SPRINT: 0123-CSP-000-K: SPR Pandomized, Double-Blinded, Placebo-Controlled, Multicenter Pilot Study of the SPRINT Peripheral Nerve Stimulation (PNS) System for the Treatment of Post- Amputation Pain.

Principal Investigator: Vertiflex PRESS Registry: Prospective Registry of Superior Interspinous Spacer Placement for Lumbar Spinal Stenosis

Principal Investigator: US IDE: NCT02577354 ReActiv8 Implantable Neurostimulation System for Chronic Low Back Pain (ReActiv8-B)

Principal Investigator : US IDE: NCT02412735 Safety and Efficacy Study of Rexlemestrocel-L in Subjects With Chronic Discogenic Lumbar Back Pain (MSB-DR003), Mesoblast.

Principal Investigator: Vertiflex Totalis STEPS Trial: A Prospective, Multi-center, Randomized Controlled Double- Blind Trial Evaluating the VertiFlex® Totalis™ Direct Decompression System Versus a Sham Surgical Procedure in Patients With Lumbar Spinal Stenosis. ClinicalTrials.gov Identifier: NCT02079038

Principal Investigator: US IDE: Neuros Medical, Inc. ClinicalTrials.gov Identifier: NCT02221934
Electrical Nerve Block for Amputation Pain.

Principal Investigator: US IDE: Medtronic IND 104850 – “An Open-Label, Sequential, Dose Escalation Study of the Pharmacokinetics, Safety, and Preliminary Efficacy of MDT-15 in Subjects with Lumbosacral Radiculopathy”

Principal Investigator: US IDE: A Prospective, Randomized, Multi-Center, Controlled Clinical Trial to Assess the Safety and Efficacy of the Spinal Modulation™ AXIUM™ Neurostimulator System in the Treatment of Chronic Pain (ACCURATE Trial)

Principal Investigator: US IDE: Study to Evaluate the Iovera® Device for Temporary Relief From Knee Pain. ClinicalTrials.gov Identifier: NCT02260921

National Principal Investigator: US IDE: SENSE: St Jude Neuromodulation Prospective Randomized Trial Hybrid Neuromodulation for Pain from Failed Back Surgery Syndrome.

Principal Investigator: US IDE: Bioness StimRouter: Prospective, Multi-Center, Randomized, Double-Blinded, Partial Crossover Study to Assess the Safety and Efficacy of the Bioness® StimRouter™ Neuromodulation System in the Treatment for Patients With Chronic Pain of Peripheral Nerve Origin

Principal Investigator: MiDAS ECO: Mild Decompression Alternative to Open Surgery Epidural Steroid Injection Comparative Outcomes Study in patients Diagnosed with Moderate to Severe Lumbar Spinal Stenosis Exhibiting Neurogenic Claudication.

Principal Investigator: St. Jude Neuromodulation: DEPTH: A retrospective ultrasound study of electrode depth in peripheral nerve field stimulation and analysis of cross-talk on field size with electrode configurations.

Principal Investigator: St. Jude Neuromodulation: Prospective, Randomized, Controlled Trial: Peripheral Nerve Field Stimulation for the Management of Localized Chronic Intractable Back Pain

Principal Investigator: St. Jude Neuromodulation: IMPACT Retrospective Evaluation and Data Collection Study to Evaluate the Treatment of Chronic Pain Patients with Neurostimulation using a Combination of Epidural and Subcutaneous Peripheral Field Leads

Publications, Research, Invited Presentations, and Posters

Levy RM, Mekhail N, Kramer J, Poree L, Amirdelfan K, Grigsby E, Staats P, Burton AW, Burgher AH, Scowcroft J, Golovac S, Kapural L, Paicius R, Pope J, Samuel S, **McRoberts WP**, Schaufele M, Kent AR, Raza A, Deer TR. Therapy Habituation at 12 Months: Spinal Cord Stimulation Versus Dorsal Root

Ganglion Stimulation for Complex Regional Pain Syndrome Type I and II. *Pain*. 2019 Sep 5. pii: S1526-5900(18)30681-3. doi: 10.1016/j.jpain.2019.08.005. [Epub ahead of print]

Mekhail N, Deer TR, Kramer J, Poree L, Amirdelfan K, Grigsby E, Staats P, Burton AW, Burgher AH, Scowcroft J, Golovac S, Kapural L, Paicius R, Pope J, Samuel S, **McRoberts WP**, Schaufele M, Kent AR, Raza A, Levy RM. Paresthesia-Free Dorsal Root Ganglion Stimulation: An ACCURATE Study Sub-Analysis. *Neuromodulation*. 2019 Mar 12. doi: 10.1111/ner.12942. [Epub ahead of print]

Kapural L, Lee N, Badhey H, **McRoberts WP**, Jolly S. Splanchnic block at T11 provides a longer relief than celiac Pain Manag. 2019 Mar 1;9(2):115-121. doi: 10.2217/pmt-2018-0056. Epub 2019 Jan 25.

Pope JE, Deer TR, Falowski S, Provenzano D, Hanes M, Hayek SM, Amrani J, Carlson J, Skaribas I, Parchuri K, **McRoberts WP**, Bolash R, Haider N, Hamza M, Amirdelfan K, Graham S, Hunter C, Lee E, Li S, Yang M, Campos L, Costandi S, Levy R, Mekhail N. Multicenter Retrospective Study of Neurostimulation With Exit of Therapy by Explant. *Neuromodulation*. 2017 Aug;20(6):543-552. doi: 10.1111/ner.12634. Epub 2017 Jul 17.

McRoberts WP, Trescot A, Kapural L, Apostol C, Abdul H. An Alternative to the Transforaminal Cervical Epidural: A Selective Dorsal Epidural. *Pain Med*. 2018 Feb 1;19(2):406-408.

McRoberts WP, Advanced Neurostimulation Techniques for Pain. Florida Academy of Pain Medicine Meeting 2017

McRoberts WP: Current Treatment of Lumbar Spinal Stenosis, Interspinous Spacer Neurosurgical Training and Cadaver Workshop, Holy Cross Hospital March 31, 2017.

Amirdelfan K, Webster L, Poree L, Sukul V, **McRoberts WP**. Treatment Options for Failed Back Surgery Syndrome Patients With Refractory Chronic Pain: An Evidence Based Approach. *Spine (Phila Pa 1976)*. 2017 Jul 15;42 Suppl 14:S41-S52.

Deer TR, Lamer TJ, Pope JE, Falowski SM, Provenzano DA, Slavin K, Golovac S, Arle J, Rosenow JM, Williams K, **McRoberts WP**, Narouze S, Eldabe S, Lad SP, De Andrés JA, Buchser E, Rigoard P, Levy RM, Simpson B, Mekhail N. The Neurostimulation Appropriateness Consensus Committee (NACC) Safety Guidelines for the Reduction of Severe Neurological Injury. *Neuromodulation*. 2017 Jan;20(1):15-30. doi: 10.1111/ner.12564. Epub 2017 Jan 2.

Deer TR, Narouze S, Provenzano DA, Pope JE, Falowski SM, Russo MA, Benzon H, Slavin K, Pilitsis JG, Alo K, Carlson JD, **McRoberts WP**, Lad SP, Arle J, Levy RM, Simpson B, Mekhail N. The Neurostimulation Appropriateness Consensus Committee (NACC): Recommendations on Bleeding and Coagulation Management in Neurostimulation Devices. *Neuromodulation*. 2017 Jan;20(1):51-62. doi: 10.1111/ner.12542. Epub 2017 Jan 2.

Deer TR, Pope JE, Hayek SM, Bux A, Buchser E, Eldabe S, De Andrés JA, Erdek M, Patin D, Grider JS,

Doleys DM, Jacobs MS, Yaksh TL, Poree L, Wallace MS, Prager J, Rauck R, DeLeon O, Diwan S, Falowski SM, Gazelka HM, Kim P, Leong M, Levy RM, McDowell Ii G, **McRoberts WP**, Naidu R, Narouze S, Perruchoud C, Rosen SM, Rosenberg WS, Saulino M, Staats P, Stearns LJ, Willis D, Krames E, Huntoon M, Mekhail N. The Polyanalgesic Consensus Conference (PACC): Recommendations on Intrathecal Drug Infusion Systems Best Practices and Guidelines. *Neuromodulation*. 2017 Feb;20(2):96-132. doi: 10.1111/ner.12538. Epub 2017 Jan 2.

Deer TR, Levy RL, Kramer J, Poree L, Amirdelfan K, Grigsby E, Staats P, Burton A, Burgher AH, Obray J, Sowcroft J, Golovac S, Kapural L, Paicius R, Kim C, Pope J, Yearwood T, Samuel S, **McRoberts WP**, Cassim H, Netherton M, Miller N, Schaufele M, Tavel E, Davis T, Davis K, Johnson L, Mekhail N. Dorsal root ganglion stimulation yielded higher treatment success rate for complex regional pain syndrome and causalgia at 3 and 12 months: a randomized comparative trial. *PAIN*: 2017 International Association for the Study of Pain

McRoberts WP, Apostol C, Haleem A. Intrathecal Bupivacaine Monotherapy with a Retrograde Catheter for the Management of Complex Regional Pain Syndrome of the Lower Extremity. *Pain Physician*. 2016 Sep-Oct; 19(7):E1087-92.

McRoberts WP, Optimizing Stimulation in a Case of Facial Pain Through "Cross-Talk" of Peripheral and Central Leads: A Case Report., *Neuromodulation*. 2016 Dec;19(8):885-888. doi: 10.1111/ner.12443. Epub 2016 May 18.

Radiation Safety, Fellows Course, North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

Neuromodulation Cadaver Course for Advanced Implantable Therapies: A Hands-On Cadaver Course for Residents and Fellows, Academic Faculty. North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

Amirdelfan K, Simopoulos T, **McRoberts WP**, Treatment of Complex Regional Pain Syndrome (CRPS) with High Frequency Spinal Cord Stimulation (HF-SCS) at 10 kHz: A Retrospective Case Series. Poster, North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

Pope JE, Deer TR, Hamza M, Hayek S, Amrani J, Carlson J, Falowski S, Skaribas I, Parchurri K, **McRoberts WP**, Bolash R, Haider N, Hanes M, Amirdelfan K, Graham S, Hunter C, Lee E, Li S, Yang M, Provenzano D, Mekhail N, Examining Reasons for Spinal Cord Stimulation Explant: A Retrospective Chart Review of 18 US Centers, Poster and Oral Presentation, North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

McRoberts WP, Superior Interspinous Spacer Placement for the Treatment of Lumbar Spinal Stenosis: A Presentation of Prospective RCT 4 year Data, Breakfast Symposium, North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

R.M. Levy, MD, PhD; T.R. Deer, MD; J Kramer, PhD; L. Poree, MD, PhD, MPH; K. Amirdelfan, MD; E. Grisby, MD; P. Staats, MD, A.W. Burton, MD; A.H. Burgher, MD; J. O Bray, MD; J. Scowcroft, MD; S. Golovac, MD; L. Kapural, MD, PhD; R. Paicius, MD; C. Kim, MD; J. Pope, MD; T. Yearwood, MD, PhD; S. Samuel, MD; **W. Porter McRoberts, MD**; H. Cassim, DO; M. Netherton, MD; N. Miller, MD; M. Schaufele, MD; E.Tavel, MD; T. Davis, MD; L. Johnson, PhD; A. Raza, MPH; F. Agnesi, PhD; N. Mekhail, MD, PhD, Comparison of Pain Coverage and Excess Paresthesia Between SCS and DRG Stimulation: an ACCURATE Sub-study, Poster and Oral Presentation, North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

R.M. Levy, MD, PhD; T.R. Deer, MD; J Kramer, PhD; L. Poree, MD, PhD, MPH; K. Amirdelfan, MD; E. Grisby, MD; P. Staats, MD, A.W. Burton, MD; A.H. Burgher, MD; J. O Bray, MD; J. Scowcroft, MD; S. Golovac, MD; L. Kapural, MD, PhD; R. Paicius, MD; C. Kim, MD; J. Pope, MD; T. Yearwood, MD, PhD; S. Samuel, MD; **W. Porter McRoberts, MD**; H. Cassim, DO; M. Netherton, MD; N. Miller, MD; M. Schaufele, MD; E.Tavel, MD; T. Davis, MD; L. Johnson, PhD; A. Raza, MPH; F. Agnesi, PhD; N. Mekhail, MD, PhD; Comparison of Evoked Paresthesia Between SCS and DRG Stimulation: an ACCURATE Sub-study, Poster and Oral Presentation, North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

L. Poree, MD, PhD, MPH; R.M. Levy, MD, PhD; T.R. Deer, MD; J Kramer, PhD; K. Amirdelfan, MD; E. Grisby, MD; P. Staats, MD, A.W. Burton, MD; A.H. Burgher, MD; J. O Bray, MD; J. Scowcroft, MD; S. Golovac, MD; L. Kapural, MD, PhD; R. Paicius, MD; C. Kim, MD; J. Pope, MD; T. Yearwood, MD, PhD; S. Samuel, MD; **W. Porter McRoberts, MD**; H. Cassim, DO; M. Netherton, MD; N. Miller, MD; M. Schaufele, MD; E.Tavel, MD; T. Davis, MD; L. Johnson, PhD; A. Raza, MPH; F. Agnesi, PhD; N. Mekhail, MD, PhD, Comparison of SCS and DRG outcomes in Focal and Widespread Pain: an ACCURATE Sub-study. Poster and Oral Presentation, North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

Timothy R. Deer, MD, Robert M. Levy, MD, PhD, Jeffrey Kramer, PhD, Lawrence Poree, MD, PhD, MPH, Kasra Amirdelfan, MD, Eric Grigsby, MD, Peter Staats, MD, Allen W Burton, MD, Abram H Burgher, MD, Jon O Bray, MD, James Scowcroft, MD, Stan Golovac, MD, Leonardo Kapural, MD, PhD, Richard Paicius, MD, Christopher Kim, MD, Jason Pope, MD, Thomas Yearwood, MD, PhD, Sam Samuel, MD, **W. Porter McRoberts, MD**, Hazmer Cassim, DO, Mark Netherton, MD, Nathan Miller, MD, Michael Schaufele, MD, Edward Tavel, MD, Timothy Davis, MD, Alexander R. Kent, PhD, Adil Raza, MS, Linda Johnson, PhD, Nagy Mekhail, MD, PhD, Paresthesia Versus Paresthesia-Free Dorsal Root Ganglion Stimulation: An ACCURATE Sub-Analysis. Poster and Oral Presentation, North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

Nagy Mekhail, MD, PhD, Robert M. Levy, MD, PhD, Timothy R. Deer, MD, Jeffrey Kramer, PhD, Lawrence Poree, MD, PhD, MPH, Kasra Amirdelfan, MD, Eric Grigsby, MD, Peter Staats, MD, Allen W Burton, MD, Abram H Burgher, MD, Jon O Bray, MD, James Scowcroft, MD, Stan Golovac, MD, Leonardo Kapural, MD, PhD, Richard Paicius, MD, Christopher Kim, MD, Jason Pope, MD, Thomas Yearwood, MD, PhD, Sam Samuel, MD, **W. Porter McRoberts, MD**, Hazmer Cassim, DO, Mark Netherton, MD, Nathan Miller, MD, Michael Schaufele, MD, Edward Tavel, MD, Timothy Davis, MD,

Alexander R. Kent, PhD, Adil Raza, MS, Linda Johnson, PhD, Relationship between Pain Relief and Secondary Outcomes: An ACCURATE Sub-Analysis, Poster and Oral Presentation, North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

Peter Staats, MD, Timothy R. Deer, MD, Robert M. Levy, MD, PhD, Jeffrey Kramer, PhD, Lawrence Poree, MD, PhD, MPH, Kasra Amirdelfan, MD, Eric Grigsby, MD, Peter Staats, MD, Allen W Burton, MD, Abram H Burgher, MD, Jon Obray, MD, James Scowcroft, MD, Stan Golovac, MD, Leonardo Kapural, MD, PhD, Richard Paicius, MD, Christopher Kim, MD, Jason Pope, MD, Thomas Yearwood, MD, PhD, Sam Samuel, MD, **W. Porter McRoberts, MD**, Hazmer Cassim, DO, Mark Netherton, MD, Nathan Miller, MD, Michael Schaufele, MD, Edward Tavel, MD, Timothy Davis, MD, Alexander R. Kent, PhD, Adil Raza, MS, Linda Johnson, PhD, Nagy Mekhail, MD, PhD. Comparing Effectiveness of Spinal Cord Stimulation and Dorsal Root Ganglion Stimulation: An ACCURATE Sub-Analysis, Poster and Oral Presentation, North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

McRoberts WP, Sein M, Kim C, Naftulin S, Apostol C, Abdul H, A Novel Implantable Peripheral Nerve Stimulator for Post-Stroke Shoulder Pain, Poster and Oral Presentation, North American Neuromodulation Society National Meeting, Las Vegas 2016-2017

McRoberts WP, Diagnosis and Treatment of Failed Knee Surgery Syndrome, The Joint Harvard and Holy Cross Research in Orthopedics Symposium, Fort Lauderdale, Feb 2017.

McRoberts WP, The Use of High Frequency Dorsal Column Stimulation in Man: a Review of the Senza 2 Year Data for Failed Back Surgery Syndrome, Pain Society of the Carolinas, Asheville Sept, 2016

Pope J, Poree L, **McRoberts WP**, Falowski S, Deer T. Consent Decree: Physician and Institution Ramifications? Neuromodulation. 2015 Dec;18(8):653-6. doi: 10.1111/ner.12374.

McRoberts, WP, Bioness Stimrouter Use in Shoulder Hand Syndrome and Djerrine-Roussy Syndrome Didactic and Proctored Operative Implantation. New York University and Cornell University, Aug, 2016

McRoberts WP, Hip and Genicular Nerve Radio Frequency Ablation: Moderator, PAIN 2016, Nassau, Bahamas. **McRoberts WP**, Initiation of Research in your Practice, PAIN 2016, Nassau, Bahamas.

McRoberts WP, The Cost of Inaction: Measuring the risk of non-treatment, activity modification and conservative care on patient outcomes, lost wages, morbidity and mortality. PAIN 2016: Nassau Bahamas.

McRoberts WP, Efficacy, Safety and Patient Selection of devices and drugs in Intrathecal Therapy. PAIN 2016, Nassau, Bahamas.

McRoberts WP, Point / Counterpoint – Patients with existing Intrathecal pain pumps who are due for replacement – logic behind staying with the same system or switching to a new system? PAIN 2016, Nassau, Bahamas.

Amirdelfan K, **McRoberts WP**, Treatment of Complex Regional Pain Syndrome with 10 kHz Spinal Cord Stimulation: Two Case Reports. World Institute of Pain Meeting, 2016 New York, New York

McRoberts WP, The Cost of Inaction: Measuring the risk of non-treatment, activity modification and conservative care on patient outcomes, lost wages, morbidity and mortality. Florida Society of Interventional Pain Physicians Annual Meeting, 2016

McRoberts WP, Ultra-High frequency peripheral nerve stimulation for post amputation intractable neuroma. Florida Society of Interventional Pain Physicians Annual Meeting, 2016

McRoberts WP, Apostol C, Ashe M, Diagnostic and Treatment Algorithm for Chronic Post Total Knee Arthroplasty Pain. Florida Society of Interventional Pain Physicians Annual Meeting Poster 2nd Place Winner, 2016

McRoberts WP, Non-operative Management of Neck Pain and Cervical Radiculopathy: What treatment protocol is rational and effective? First Annual Marcus Neurosciences Symposium on Degenerative Disease of the Spine: Diagnosis and Management. March, 2016

McRoberts WP, Optimizing Stimulation in a Case of Facial Pain Through 'Cross-Talk' of Peripheral and Central Leads: A Case Report, *Neuromodulation*, 18 MAY 2016 | DOI: 10.1111/ner.12443

Pope J, Poree L, **McRoberts W.P.**, Falowski S., Deer T., Guest Editorial: 2015 Consent Degree, Physician and Institutional Ramifications? *Neuromodulation* 2015; 18: 653-656.

McRoberts WP, Emerging Technologies in Neuromodulation, 2015 NANS- North American Neuromodulation Society Meeting, Las Vegas, NV

McRoberts WP, The Evidence for Peripheral Neuromodulation in Back Pain, 2015 NANS- North American Neuromodulation Society Meeting, Las Vegas, NV

Pope J, Provenzano D, **McRoberts WP**, Deer TR. The Proper Use of Neurostimulation for Hand Pain. *Hand Clinics*, *Hand Clin.* 2016 Feb;32(1):81-90.

McRoberts WP, Deer TR, Abejon D, Barolat G. (2016) Stimulation of the Extraspinal Peripheral Nervous System. In T.R. Deer, J.E. Pope (Eds.) *Atlas of Implantable Therapies for Pain Management* (pp 171-183). New York, NY: Springer Science.

Deer TR, Pope JE, **McRoberts WP**, Verrills P, Bowman R. (2016) Peripheral Nerve Stimulation of the

Treatment of Knee Pain. In T.R. Deer, J.E. Pope (Eds.) *Atlas of Implantable Therapies for Pain Management* (pp 185-190). New York, NY: Springer Science.

McRoberts WP, (2016) X-Ray Safety. In Pope J.E. (Ed) *Treatment of Chronic Pain Conditions: Comprehensive Quick Reference Handbook* New York, NY: Springer Science.

McRoberts WP, (2016) Facet Medial Branch Block. In Pope J.E. (Ed) *Treatment of Chronic Pain Conditions: Comprehensive Quick Reference Handbook* New York, NY: Springer Science.

McRoberts WP, (2016) Facet Medial Branch Ablation. In Pope J.E. (Ed) *Treatment of Chronic Pain Conditions: Comprehensive Quick Reference Handbook* New York, NY: Springer Science.

McRoberts WP, Wu PW, (2016) Percutaneous Image-Guided Lumbar Decompression (PILD) Indications. In Pope J.E. (Ed) *Treatment of Chronic Pain Conditions: Comprehensive Quick Reference Handbook* New York, NY: Springer Science.

McRoberts WP, Wu PW, (2016) Percutaneous Image-Guided Lumbar Decompression (PILD) Decompression Procedure. In Pope J.E. (Ed) *Treatment of Chronic Pain Conditions: Comprehensive Quick Reference Handbook* New York, NY: Springer Science.

McRoberts WP, Wu PW, (2016) Percutaneous Image-Guided Lumbar Decompression (PILD): Follow-up and Risk Management. In Pope J.E. (Ed) *Treatment of Chronic Pain Conditions: Comprehensive Quick Reference Handbook* New York, NY: Springer Science.

McRoberts WP, Pope J, Apostol C., Reinstating the Bolus - New Reasoning for an Existing Technique.

Pope J, **McRoberts WP**, Deer T, Poree L., Are Bolus Dosing Strategies the Intrathecal Version of Novel Waveforms With Spinal Cord Stimulation? *Neuromodulation*. 2015 Dec;18(8):776-7. doi: 10.1111/ner.12375.

Pope JE, Deer TR, Amirdelfan K, **McRoberts WP**, Azeem N. The Pharmacology of Spinal Opioids and Ziconotide for the Treatment of Non-Cancer Pain. *Curr Neuropharmacol*. 2016 Feb 10

Pope J. Deer T. **McRoberts WP.**, Intrathecal Therapy: The Burden of Being Positioned as a Salvage Therapy. *Pain Medicine*, April, 2015

McRoberts WP, "Neuromodulation: An Evidence Based Update of the Field: Peripheral Nerve Field Stimulation" American Academy of Pain Medicine's 31st Annual Meeting, March 19-22, 2015 Washington D.C., MD

"Neuromodulation of the Peripheral Nerves: A Review of the Prospective Literature and Registry Data" **W. Porter McRoberts, MD**, International Neuromodulation Society Meeting, Montreal,

Quebec, June 2015

Radiofrequency Rhizotomy for Spinal and Extra-spinal Pain Syndromes. Invited Lecturer, St. Jude.

W. Porter McRoberts, MD, International Neuromodulation Society Meeting, Montreal, Quebec, June 2015

Amirdelfan K, **McRoberts P**, Deer TR. The differential diagnosis of low back pain: a primer on the evolving paradigm. *Neuromodulation*. 2014 Oct;17 Suppl 2:11-7. doi: 10.1111/ner.12173.

N. Mekhail, MD, PhD, S. Brogan, MD, J. Hatheway, MD, **P. McRoberts, MD**, M. Verdolin, MD, L. Stearns, MD, R. Bolash, MD, T Deer, MD, P. Staats, MD Characterization of Personal Therapy Manager Use by Patients with Chronic Pain, North American Neuromodulation Society Meeting, Las Vegas 2014

McRoberts WP, Citrin, ML, Whisner S. Axillary Nerve Stimulation for Post-Stroke Shoulder Pain. Poster: North American Neuromodulation Society Meeting, Las Vegas 2015

Pope JE, **McRoberts WP**, Deer TR, Randomized, Prospective Study to Assess the Safety of a Novel Intrathecal Bolus-only Delivery Strategy as Compared to Traditional, Simple Slow Continuous Delivery. Poster North American Neuromodulation Society Annual Meeting, 2014, Las Vegas, NV

McRoberts WP, Whisner S, Ashe M, Cross Talk Of Spinal Cord Stimulation With Peripheral Nerve Stimulation For The Treatment Of Facial Pain: 21-Month Follow-Up. Poster: North American Neuromodulation Society Meeting, Las Vegas 2014

McRoberts WP, Whisner S, Ashe M, Prospective Evaluation Of The Objective Measurement Of Neuromodulation On Function Via Accelerometer. Poster: North American Neuromodulation Society Meeting, Las Vegas 2014

The Data and Rationale for Spinal Cord Stimulation: A Review of the NACC: Neuromodulation Appropriateness Consensus Committee publications. October 2014, South Florida Pain Group.

Beal DP, **McRoberts WP**, Berven SH, Ledlie JT, Tutton SM, Analysis of and Response to an Analysis of Percutaneous Kyphoplasty Published in the Hayes Directory on April 23, 2012, *American Journal of Neuroradiology*, 2014 awaiting press.

Expert Panel: Lumbar Surgery for Low Back Pain. Who is a Candidate and What Else Can We Do? ,Pain Education Society, Puerto Rico, June 2014

Neuromodulation for Joint Pain, Pain Education Society, WVSIPP, Puerto Rico, June 2014

Expert Panel: The Future of Interventional Pain Management – what is coming on the horizon, what

will be covered, what should patients and physicians expect? Pain Education Society, Puerto Rico, June 2014

Expert Panel: Personalized medicine and Pain Therapy – What do we know? What don't we know? Pain Education Society, Puerto Rico, June 2014

Beall DP, **McRoberts WP**, Berven SH, Ledlie JT, Tutton SM, Parsons BP. Critique of the Analysis of UpToDate.com on the Treatment of Painful Vertebral Compression Fractures: Time to Update UpToDate. AJNR Am J Neuroradiol, November 20, 2014

Percutaneous Peripheral Nerve Stimulation: The State of the Science 2013. Podium Presentation, North American Neuromodulation Society Annual Meeting, Las Vegas, NV, 2013

Ultrasound Guided Peripheral Nerve Stimulation: The State of the Science 2013. Podium Presentation, North American Neuromodulation Society Annual Meeting, Las Vegas, NV, 2013

Use of Spinal Cord Stimulation as Treatment for General Body Pain Secondary to Gaucher's Disease **W. Porter McRoberts, MD**, Kevin Verde, BA, and Suzanne Y. Whisner, MS, Holy Cross Hospital, Neurological and Spine Institute, Fort Lauderdale, FL, Poster, North American Neuromodulation Society Annual Meeting, Las Vegas, NV, 2013

Retrospective Analysis of Spinal Cord Stimulation Amplitudes Versus Peripheral Nerve Field Stimulation Amplitudes, **W. Porter McRoberts, MD**, Shanell Disla, BS, Leonardo Villarroel, BS, and Suzanne Y. Whisner, MS, Holy Cross Hospital, Neurological and Spine Institute, Fort Lauderdale, FL, Poster, North American Neuromodulation Society Annual Meeting, Las Vegas, NV, 2013

PNfS Stimulation in a Cross-Talk Configuration for Pain Relief of Symptoms Secondary to Interstitial Cystitis, **W. Porter McRoberts, MD**, Kevin Verde, BA, and Suzanne Y. Whisner, MS, Holy Cross Hospital, Neurological and Spine Institute, Fort Lauderdale, FL, Poster, North American Neuromodulation Society Annual Meeting, Las Vegas, NV, 2013

SAFETY AND EFFECTIVENESS OF THE STIMROUTER NEUROMODULATION SYSTEM Preliminary Results of a Multi-center Prospective Randomized Double Blinded Study, R. Benyamin, T. McJunkin, D. Caraway, T. Deer, L. Kapural, N.Mekhail, **W. McRoberts**, R. Levy, M.Kolopp, Poster, North American Neuromodulation Society Annual Meeting, Las Vegas, NV, 2013

Relationship of Anode-Cathode Distance and Paresthesia Coverage in Peripheral Nerve Field Stimulation for Back Pain. **W. Porter McRoberts, MD**, and Suzanne Y. Whisner, MS, Holy Cross Hospital, Neurological and Spine Institute, Fort Lauderdale, FL, Poster, North American Neuromodulation Society Annual Meeting, Las Vegas, NV, 2013

Effects of Electrode Depth in Peripheral Nerve Field Stimulation for Back Pain, **W. Porter McRoberts, MD**, and Suzanne Y. Whisner, MS, Holy Cross Hospital, Neurological and Spine

Institute, Fort Lauderdale, FL., Poster, North American Neuromodulation Society Annual Meeting, Las Vegas, NV, 2013

McRoberts WP, Webster L, Opioids for Chronic Non-Cancer Pain. Pro: Lynn Webster MD, Con: W. Porter McRoberts MD. Pain 2013, Palm Beach Florida, July 2013.

McRoberts WP, Barolat G, Advancing neuromodulation outside the Spine: Peripheral Neuromodulatory Approaches, the Past Present and Future. Pain 2013, Palm Beach Florida, July 2013.

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Randomized Controlled Trial to Evaluate Peripheral Nerve Field Stimulation Using Subcutaneous Placement of Neurostimulation Leads in the Treatment of Localized Chronic Intractable Pain of the Lumbar Area. Wolkowitz, RM, Meyer DJ, **McRoberts WP**, Lipov EG, Joshi J, Davis B, Cairns KD, Barolat G. Oral and Poster Presentation, International Neuromodulation Society Meeting 2010, London England.

Novel Programming Techniques in Peripheral Nerve Field Stimulation PNfS for the Treatment of Chronic Knee Pain Following Knee Surgery, Poster Presentation: North American Neuromodulation Society Annual Meeting 2010

Combined Spinal Cord and Peripheral Nerve Field Stimulation for the Control of Chronic Regional

Pain Syndrome (CRPS), Poster Presentation: North American Neuromodulation Society Annual Meeting 2010

Revision Techniques in Peripheral Nerve Field Stimulation, Poster Presentation: North American Neuromodulation Society Annual Meeting 2010

Cervical Spinal Cord Stimulation For Lumbar Failed Back Surgery Syndrome: a Case Report, Poster Presentation: North American Neuromodulation Society Annual Meeting 2010

Chronic Refractory Temporomandibular Joint Pain Well Treated With Peripheral Field Nerve Stimulation, Poster Presentation: North American Neuromodulation Society Annual Meeting 2010

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DEPTH: A Retrospective Study Evaluating the Effects of Electrode Depth and Spacing for Peripheral Nerve Field Stimulation in Patients with Back Pain. **McRoberts WP**, Cairns KD. Industry Supported Research, Poster Presentation: North American Neuromodulation Society Annual Meeting 2010

Placement of a Peripheral Nerve Stimulator for Successful Treatment of Intractable Tremor Following Peripheral Nerve Injury, **W. Porter McRoberts MD**, Anil Samson MBBS; Holy Cross Hospital, Fort Lauderdale, FL; Kevin Cairns, MD, MPH; South Florida Spine Clinic, Fort Lauderdale, FL, Poster Presentation North American Neuromodulation Conference 2009

Combination Thoracic Spinal Cord Stimulation and Peripheral Subcutaneous Field Stimulator for Intractable Post- Thoracotomy Pain Syndrome, **W. Porter McRoberts MD**, Paul Wu MD, Anil Samson MBBS; Holy Cross Hospital, Fort Lauderdale, FL; Kevin Cairns, MD, MPH; South Florida Spine Clinic, Fort Lauderdale, FL. Poster Presentation North American Neuromodulation Conference 2009

Three Anode, Single Cathode "3A1C": A Case Report of Three Patients With Four Lead Peripheral Nerve Field Stimulation (PNfS) Systems Using Novel Programming Parameters., **W. Porter McRoberts MD**, Holy Cross Hospital, Fort Lauderdale, FL; Kevin Cairns, MD, MPH; South Florida Spine Clinic, Fort Lauderdale, FL, Poster Presentation North American Neuromodulation Conference 2009

A Retrospective Evaluation and Data Collection Study to Evaluate the Treatment of Chronic Pain Patients with Neurostimulation using a Combination of Epidural and Subcutaneous Peripheral Field Leads, Wolkowitz, RM, Meyer DJ, **McRoberts WP**, Lipov EG, Joshi J, Davis B, Cairns KD, Barolat G. Industry Supported, Poster Presentation North American Neuromodulation Conference 2009

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Peripheral Nerve Field Stimulator (PNfS) Lead Placement for the Treatment of Chronic Post-operative Flank Pain Kevin Cairns MD, MPH; Cami Dunham PA-C, South Florida Spine Clinic, Fort Lauderdale, FL; **W. Porter McRoberts MD**, Holy Cross Hospital, Fort Lauderdale, FL., Poster Presentation North American Neuromodulation Conference 2009

“Tenting” Technique for the Placement of Electrical Leads for Peripheral Nerve Field Stimulation, Kevin D. Cairns MD, MPH; South Florida Spine Clinic, Fort Lauderdale, FL; **W. Porter McRoberts MD**, Holy Cross Hospital, Fort Lauderdale, FL; Cami Dunham PA, SFSC Fort Lauderdale, FL; Giancarlo Barolat MD, Barolat Institute, Denver, Colorado; and Timothy Deer MD, The Center for Pain Relief, Charleston, West Virginia. Poster Presentation North American Neuromodulation Conference 2009

The Placement of Four Versus Two Peripheral Nerve Field Stimulator Leads for the Treatment of Chronic Axial Low Back Pain. Kevin Cairns, MD, MPH; South Florida Spine Clinic, Fort Lauderdale, FL Cami Dunham PA-C South Florida Spine Clinic, **W. Porter McRoberts MD**; Holy Cross Hospital, Fort Lauderdale, FL; Poster Presentation North American Neuromodulation Conference 2009

Placement of Cervical and Lumbar Peripheral Nerve Field Stimulator (PNfS) leads for widespread pain secondary to Scheuermann’s Syndrome. Kevin Cairns MD, MPH; Cami Dunham PA, South Florida Spine Clinic, Fort Lauderdale, FL; **W. Porter McRoberts MD**, Holy Cross Hospital, Fort Lauderdale, FL; Poster Presentation North American Neuromodulation Conference 2009

McRoberts WP, Roche M. Novel approach for peripheral subcutaneous field stimulation for the treatment of severe, chronic knee joint pain after total knee arthroplasty. *Neuromodulation: Technology at the Neural Interface*, 2010, 13: 131–136. doi: 10.1111/j.1525-1403.2009.00255.

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Nelson, K., Baranowska-Kortylewicz, J., van Nagell, J.R., Gallion, H.H., Donaldson, E.S. & Kenady, D.E., **McRoberts, W. P.** & Pavlik, E.J. Intermolecular Engagement of Estrogen Receptors Indicated by the Formation of a High Molecular Weight Complex During Activation. *Biochemistry* 28: 9741-9749, 1989.

Talks and Informal Presentations

Faculty: Review of the 5 year prospective Vertiflex Superior Data and Hands on Cadaver Training for Superior Interspinous Spacer Implant system

Is 80% pain relief too much to hope for? The future of neuromodulation and evolving pain medicine paradigms. Dinner with the Doctor, Holy Cross Hospital. Fort Lauderdale, FL, October 2015

Antifragility: The arising conceptual framework for Pain Medicine. Dinner with the Doctor, Holy Cross Hospital. Fort Lauderdale, FL, November 2014

Mechanisms of Action in Spinal Cord Stimulation, Neuromodulation for the Advanced Pain Fellow, St. Jude Medical. Dallas, TX, April 25, 2014

Neuromodulation for the Advanced Pain Fellow, St. Jude Medical. Dallas, TX, April 25, 2014, Course Director.

Neuromodulation and The MRI: Magnetic Resonance Imaging Unit. Washington, DC, November 18, 2013

Advanced Neuromodulation Techniques Course Faculty. Chicago, IL, October 2013

Pain Fellows Introduction to Neuromodulation Techniques Course. Dallas, TX, September 2013

Advanced Neuromodulation Techniques Course Faculty. San Diego, CA, Spring 2013

St. Jude Medical Neuromodulation, Cleveland Clinic 15th Annual Pain Symposium Dinner: Spinal Cord Stimulation, New Technologies, Paddle vs Percutaneous Approaches and Management of Complications. Sarasota, FL, 2013

St. Jude Medical Neuromodulation, American Society of Regional Anesthesia Dinner: Spinal Cord Stimulation, Management of Complications, and new technologies. Miami, FL, 2012

North American Neuromodulation Society, NANS 2011 Poster Meeting Awards Committee

St. Jude Medical Neuromodulation, Course Moderator, Epiducer Surgical Training. Las Vegas, NV, December 2011.

St. Jude Medical Neuromodulation, Course Moderator, Epiducer Surgical Training, American Osteopathic Association. Chicago, IL, October 2011.

Understanding Minimally Invasive Lumbar Decompression and Laminotomy, First Coast Service Options/Centers for Medicare & Medicaid Services, June 2011

St. Jude Medical Neuromodulation Moderator Foundations in Neuromodulation Pain Education Society, June and July 2011

Options for treating chronic pain resulting from post-knee replacement and failed back surgery syndrome, Pain Education Society/WVSIPP Meeting. Huntington Beach, CA, June 2011

Opioid Toxicity in the Acute Inpatient Setting: Grand Rounds Holy Cross Hospital. Fort Lauderdale, FL, May 2011

St. Jude Medical Neuromodulation Moderator/Speaker Foundations in Neuromodulation Cleveland Clinic Pain Meeting, March 2011

Opioid Toxicity in the Acute Inpatient Setting: Grand Rounds Holy Cross Hospital. Fort Lauderdale, FL, December 2010

Peripheral Field Neuromodulation Advisory Board. Las Vegas, NV, December 2010

Neuromodulation Physician Leadership Roundtable. Scottsdale, AZ, November 2010

Vertos Medical, Minimally Invasive Lumbar Decompression Training (MILD), April 24-25, 2010

St. Jude Medical Neuromodulation Faculty and Course Moderator, April 17, 2010, February 19-20, 2010

St. Jude Medical Neuromodulation Speaker/Moderator Foundations in Neuromodulation Cleveland Clinic Meeting 2010, March 6, 2010

St. Jude Medical NMD Product Training, Faculty and Course Moderator, January 22-24, 2010

Percutaneous Thoracic and Lumbar Facet Fusion Training, September, 2009

Overview of Spinal Cord Stimulation: Florida Association of Physician Assistants, July 23, 2009

Peripheral Nerve Field Stimulation Round Table, Moderator, March 13, 2009

Minimally Invasive Tru-Fuse Facet Fusion Training, August 2008

Advances In Non-Surgical Low Back Pain Management, Dinner with the Doctor, October 2008

Theory and Technique: Implantable Pain Therapies Workshop: Medtronic, October 8-9, 2005

Frontiers of Neuromodulation Workshop: Advanced Neuromodulation Systems, October 22-23, 2005

Pain syndromes in Adults with Spina Bifida and Menigomyelocele: a retrospective clinical review and case series, June 2005

The Physical Examination of the Painful Knee, February 2005

The Physical Examination of the Lumbar Spine for the Primary Care Physician: When to Refer, February 2005

A Critical Review of the Evidence for Hyperbaric Oxygenation, January 2005

American Pain Society Meeting, May 2004

American Pain Society/ Canadian Pain Society Meeting, 2004-2005

Kinesiology, Injury and Rehabilitation of the Dancing Lower Extremity, April 2004

The Kinesiology of Normal Gait, February 2004

Cryotherapy: The Therapeutic and Physiologic Effects of Cold, October 2003

The Etiology and Management of Anterior Knee Pain in the Young Adult, June 2003

The Hip- Pathophysiology and Management of Hip Disorders, January 2003

Rehabilitation and the Neurologic and Systemic Manifestations of Cancer, December 2002

Personal

06/2017-12/2019

Waiting out Non-compete Clause with Holy Cross Hospital
S/V IBIS: Sailing Circumnavigation of the Earth with Family