

# Paul J. Lynch, MD

Founder, Pain Doctor, Inc. Founder, Arizona Pain Specialists [www.ArizonaPain.com](http://www.ArizonaPain.com)  
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## Profile

- ♦ **Pain Medicine Subspecialty Board Certification**
  - ♦ **Diplomate, American Board of Anesthesiology**
  - ♦ **Interventional Pain, Fellowship Trained**
  - ♦ **Patient Advocate**
  - ♦ **Neuromodulation Expert**
  - ♦ **Leadership Experience**
  - ♦ **Regenerative Medicine Specialist**
  - ♦ **Research Leader**
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## Professional Development

2014	<b>Founder and Board of Directors, Pain Doctor, Inc.</b>
2013	<b>Founder, Holistic Pain: Natural Pain Relief</b>
2010 - Current	<b>Founder, PainDoctor.com</b>
2010 - Current	<b>Founder, Boost Medical</b>
2007 - Current	<b>Founder, Arizona Pain Specialists</b>
2010 - Current	<i>PainDoctor.com</i> , Clinical Editor
2010 - Current	<i>Arizona Pain Monthly Magazine</i> , Clinical Editor
2008 - Current	<i>A Comprehensive Approach to Pain Management</i> . Online Pain Textbook, Clinical Editor
2007 - Current	<b>Founder, Arizona Pain Foundation</b>
2007 – 2010	Research Contributor and Consultant at Mayo Clinic Hospital in Scottsdale, AZ
2007	Co-Chief Fellow Texas Tech Pain Medicine.
2005 – 2006	Research Contributor at New York University Medical Center in New York, NY
2004 – 2005	Research and Development Coordinator at Beth Israel Medical Center / Advanced Medical Technology Institute in New York, NY
2003 – 2004	Research Associate and Research Coordinator for Medical Students at Beth Israel Medical Center / Advanced Medical Technology Institute in New York, NY
1999 – 2003	Research Consultant at National Institute on Media and the Family in Minneapolis, MN
1999	Research Contributor at University of Oklahoma Health Science Center in Oklahoma City, OK
1992 -1994	Research Contributor at Duke University Medical Center in Durham, NC

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## Honors and Awards

2014	<i>M&amp;A Advisors</i> “Deal of the Year” in Health and Life Sciences category. Catterton Partners Investment in Pain Doctor, Inc.
2013	<i>The Best of Arizona Businesses</i> “Pain Management” by Ranking Arizona
2011	<i>Top Doctors Award by Phoenix Magazine</i> voted by Arizona valley Physicians
2010	<i>Top Doctors Award by Phoenix Magazine</i> voted by Arizona valley Physicians
1994-1998	Oral Roberts University <i>Honor Society Summa Cum Laude</i>

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## Research and Publications

- McJunkin, T. L., Swing, E. L., Lynch, P. J. (in press). Amniotic tissue. Chapter 8 in T. Davis (Ed.), *Atlas of Regenerative Medicine*. New York, NY: Springer.
- McJunkin, T. L., Swing, E. L., Walters, K., Lynch, P. J. (in press). Multidisciplinary management for chronic pain rehabilitation. In A. Carayannopoulos. (Ed.), *Comprehensive Pain Management in the Rehabilitation Patient*. New York, NY: Springer.
- McJunkin, T. L., Maita, M., Swing, E. L., & Lynch, P. J. (in press). Kyphoplasty and vertebroplasty: Treating painful vertebral compression fractures. In A. Carayannopoulos. (Ed.), *Comprehensive Pain Management in the Rehabilitation Patient*. New York, NY: Springer.
- McJunkin, T. L., Lynch, P. J., & Deer, T. (2016). Peripheral nerve stimulation miniaturization. Chapter 31 in T. Deer & J. Pope (Eds.), *Atlas of Implantable Pain Therapies, 2<sup>nd</sup> edition*. New York, NY: Springer Science Media.
- Deer, T., Krames, E., Leong, M., Stanton-Hicks, M., Golovac, S., Kapural, L., Alo, K., Foreman, R., Caraway, D., Narouze, S., Van Buyten, J. P., Linderoth, B., Prager, J., Feler, C., Pope, J., Poree, L., Lynch, P. J., McJunkin, T. L., Staats, P., Liem, L., & Williams, K. (2014). The Appropriate Use of Neurostimulation: New and Evolving Neurostimulation Therapies and Applicable Treatment of Disease States for Chronic Pain. *Neuromodulation*, 17, 599-615.
- Deer, T., Thomson, S., Raso, L., Burton, A., DeAndres, J., North, R., Buvanendran, A., Liem, L., Pope, J., Kumar, K., Feler, C., Abejon, D., Eldabe, S., Kloth, D., Kim, P., Provenzano, D., Hayek, S., Staats, P., McJunkin, T. L., Lynch, P. J., Kapural, L., Caraway, D., & Alo, K. (2014). The Appropriate Use of Neurostimulation:

- Avoidance and Treatment of Complications of Neurostimulation Therapies for the Treatment of Chronic Pain. *Neuromodulation*,17, 571-598.
- McJunkin, T. L., Lynch, P. J., Tilghman, J., Hogan, P., Wuollet, A., Swing, E. L. (2014). Comprehensive management of chronic knee pain. *Pain Medicine News*, 12(6).
- Lynch, P. J., McJunkin, T. L., Miravite, M., Swing, E. L. (2013). What to expect from ICD-10. *Pain Medicine News*, 11.
- McJunkin, T. L., Lynch, P. J., Micklos, L., & Swing, E. L. (2013). Patient opioid disengagement. *Pain Medicine News*, 11(9).
- Lynch, P. J., McJunkin, T. L., Wallmann, A., & Swing, E. L. (2013). Neuromodulation for post-amputation pain. *Pain Medicine News*, 11(8).
- McJunkin, T. L., Lynch, P. J., Anderson, J. K., Kanner, J., & Swing, E. L. (2013). Psychological screening of patients for spinal cord stimulator treatment. *Pain Medicine News*, 11(6).
- Carlson, J., Lynch, P. J., McJunkin, T. L., Filani, J., Swing, E. L. (2013). Growing Your Pain Practice Through Effective Marketing. *Pain Medicine News*, 11(5).
- McJunkin, T. L., Carlson, J., Lynch, P. J., Swing, E. L. (2013). The No. 1 Key to Business Development. *Pain Medicine News*, 11(4).
- McJunkin, T. L., Lynch, P. J., Deer, T. R., Anderson, J. K., Desai, R. (2012). Regenerative Medicine In Pain Management. *Pain Medicine News*, 10(12).
- Bailey, B., McJunkin, T. L., Lynch, P. J., Swing, E. L. (2012). HIPAA: Issues of Health Information Privacy and Security. *Pain Medicine News*, 10(11).
- Lynch, P. J., McJunkin, T. L., Anderson, J. K., Swing, E. L. (2012). Responsible Use of Opioids for Chronic Pain. *Pain Medicine News*, 10(10).
- McJunkin, T. L., Lynch, P. J., & Swing, E. L. (2012). Exceeding Patient Expectations. *Pain Medicine News*, 10(9).
- Lynch, P. J., McJunkin, T. L., Gentile, D. A., & Tapscott, R. L. (2012). Is It Time To Change the Way We Report Pain? *Pain Medicine News*, 10(8).
- McJunkin, T. L., Lynch, P. J., Donley, K. M., Tapscott, R. L. (2012). Hiring an Office Manager: A Checklist. *Pain Medicine News*, 10(6).

- Lynch, P. J., McJunkin, T. L., Tapscott, R. L., Madan, T., & Campbell, S. (2012). Discovering Medicine for Your Pain Practice Through Clinical Research, Part 2. *Pain Medicine News*, 10(5).
- Lynch, P. J., McJunkin, T.L., Tapscott, R. L., Madan, T., & Campbell, S. (2012) Discovering Medicine for Your Pain Practice Through Clinical Research, Part 1. *Pain Medicine News*, 10(4), 23-24.
- McJunkin, T. L., Lynch, P. J., & Srejjic, E. (2012). Complications of Peripheral Nerve Stimulation: Open Technique, Percutaneous Technique, and Peripheral Nerve Field Stimulation. In M. T. Ransom, J. E. Pope, & T. R. Deer (Eds.), *Reducing risks and complications of interventional pain procedures, Vol 5* (pp. 11 – 18). Philadelphia, PA: Elsevier Inc.
- McJunkin, T. L., Lynch, P. J., & Makas, C. (2012). Complications of Therapeutic Minimally Invasive Intradiscal Procedures. In M. T. Ransom, J. E. Pope, & T. R. Deer (Eds.), *Reducing risks and complications of interventional pain procedures, Vol 5* (pp. 41 – 54). Philadelphia, PA: Elsevier Inc.
- Lynch, P. J., McJunkin, T. L., & Srejjic, E. (2012). Complications of Percutaneous Vertebral Augmentation: Vertebroplasty and Kyphoplasty. In M. T. Ransom, J. E. Pope, & T. R. Deer (Eds.), *Reducing risks and complications of interventional pain procedures, Vol 5* (pp. 137 – 150). Philadelphia, PA: Elsevier Inc.
- Carlson, J., McJunkin, T. L., Lynch, P. J., & Tapscott, R. L. (2012) Confronting the Brutal Facts: Patient and Employee Satisfaction. *Pain Medicine News*, 10(2), 30-31.
- Hogan, P.W., McJunkin, T. L., & Lynch, P. J. (2012). Relationship Development Strategies for Your Pain Practice. *Pain Medicine News*, 10(1), 19-20.
- McJunkin, T. L., Lynch, P. J., Gondalia, S., & Tapscott, R. L. (2011). Guidelines to Determine ‘Incident To’ Billing. *Pain Medicine News*, 9(11),24-25 .
- Lynch, P. J., McJunkin, T. L., & Braunm, R. (2011). What can IT do for your Growing Pain Practice? *Pain Medicine News*, 9(10), 44-45.
- McJunkin, T. L., Lynch, P. J., Gondalia, S., & Tapscott, R. L. (2011). Roll the DICE: Streamline the Workflow in your Pain Practice. *Pain Medicine News*, 9(9), 46-47.
- McJunkin, T. L., Lynch, P. J., Okagbare, O., & Tapscott, R. L. (2011). Top Five Employment Issues for Pain Management Centers. *Pain Medicine News*, 9(8), 24-25.
- Lynch, P. J., McJunkin, T. L., Sebring, T., & Tapscott, R. L. (2011). Electronic Health Records: A Primer. *Pain Medicine News*, 9(7), 23-24.

- McJunkin, T. L., Lynch, P. J., Tapscott, R. L., & Donley, K. (2011). To Tweet or Not To Tweet: Is Social Media Right for Your Practice? *Pain Medicine News*, 9(6), 18-19.
- Lynch, P. J., McJunkin, T. L., Bailey, B., Tapscott, R. L., & Makas, C. (2011). Legal Implications in Pain Medicine: An Overview of the Federal Stark Law and Anti-Kickback Statute. *Pain Medicine News*, 9(5), 21-22.
- Lynch, P. J., McJunkin, T. L., Eross, E., Gooch, S. and Maloney, J. (2011). Case Report: Successful Epiradicular Peripheral Nerve Stimulation of the C2 Dorsal Root Ganglion for Postherpetic Neuralgia. *Neuromodulation: Technology at the Neural Interface*, 14(1), 58–61.
- Gentile, D. A., Woodhouse, J., Lynch, P. J., Maier, J., & McJunkin, T. L. (2011). Reliability and Validity of the Global Pain Scale with Chronic Pain Sufferers. *Pain Physician*, 14(1), 61-70.
- McJunkin, T. L., Berardoni, N., Lynch, P. J. & Amrani, J. (2010). An Innovative Case Report Detailing the Successful Treatment of Post-Thoracotomy Syndrome with Peripheral Nerve Field Stimulation. *Neuromodulation: Technology at the Neural Interface*, 13(4), 311–314.
- McJunkin, T. L., Wuollet, A. L., & Lynch, P. J. (2009). Case Report: Sacral Nerve Stimulation as a Treatment Modality for Intractable Neuropathic Testicular Pain. *Pain Physician*, 12(6), 991-995.
- McJunkin, T. L., Lynch, P. J., & Berardoni, N. (2009). Neurostimulation for Pain. *Pain Medicine News*, 7(12), 9-14.
- Lynch, P.J., Rebecca, A., Currier, A. (2009, Under Review). Resolution of Pain via Stimulation of the Supraorbital, V3 and C2 Nerve root for Atypical facial pain.
- Lynch, P.J., Berardoni, N.E. (2008). Special Edition Compendium of Clinical Reviews in Pain Management: Percutaneous Vertebroplasty, An Effective Intervention for the Treatment of Vertebral Compression Fractures. *Pain Medicine News*. (December)
- Lynch, P.J., Berardoni, N.E. (2008). Percutaneous Vertebroplasty, An Effective Intervention for the Treatment of Vertebral Compression Fractures. *Pain Medicine News*.(August)
- Rosser, J.C.; Lynch, P.J.; Cuddihy, L.; Gentile, D.A.; Klonsky, J., Merrell, R. ( 2007). The Impact of Video Games on Training Surgeons in the 21<sup>st</sup> Century. *Archives of Surgery*. 142: 181-186
- Rosser J.C. Jr, Colsant B.J., Lynch P.J., Herman B, Klonsky J, Young SM. (2006) The use of a “hybrid” trainer in an established laparoscopic skills program. *Journal of the Society of Laparoendoscopic Surgeons*, 10(1):4-10.

- Gentile D.A., Lynch P.J., Linder J.R., Walsh D.A. (2004). The effects of violent video game habits on adolescent hostility, aggressive behaviors, and school performance; *Journal of Adolescence*.
- Gentile, D.A., Anderson, C. (2003). Chapter 7, Violent Video Games: The Newest Media Violence Hazard. In *Media Violence and Children: A Complete Guide for Parents and Professionals*. Westport, CT: Praeger.
- Walsh, D.A, Gentile, D.A., Lynch, P.J. (2000) Interactive Media Violence and Children: Testimony submitted to the Committee on Commerce, Science and Transportation, United States Senate—March 21, 2000. *Minnesota Medicine*, Volume 83.
- Lynch, P. J. (1999). Hostility, Type A behavior, and stress hormones at rest and after playing violent video games in teenagers. *Psychosomatic Medicine*, 61, 113.
- Lynch, P. J. (1994). Type A behavior, hostility, and cardiovascular function at rest and after playing video games in teenagers. *Psychosomatic Medicine*, 56, 152.
- Dashefsky, S. (1994) *Zoology: High School Science Fair Experiments*. Ridgefield, CT: McGraw-Hill.

## **Current Research Projects**

- Investigator: 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 (data collection phase)
- Investigator: A Prospective, Multicenter, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of a Single Injection of rexlemestrocel-L Alone or Combined with Hyaluronic Acid (HA) in Subjects with Chronic Low Back Pain. (data collection phase)
- Investigator: Outcomes of Single Injections of FloGraft Therapy, Autologous Stem Cells, or Platelet Rich Plasma for the Treatment of Pain in the Lumbar Facet Joints, Sacroiliac Joints, Upper Extremity Joints, and Lower Extremity Joints (data collection phase)
- Investigator: Reliability and Validity of the Global Pain Scale Using a Clinical Population from a Large Interventional Pain Practice (currently recruiting).
- Investigator: Predictors of Successful Outcomes of Occipital Nerve Stimulation for Chronic Headaches (currently recruiting).

Investigator: Primary-Care Physicians Referral Patterns of Patients to Pain Specialists (currently recruiting).

## **Past Research Projects**

Investigator: A Prospective, Multicenter, Double Blind, Controlled Study Evaluating Safety and Preliminary Efficacy of a Single Injection of Adult Allogenic Mesenchymal Precursor Cells Combined with Hyaluron in Subjects with Chronic Discogenic Lumbar Back Pain (2011-2015).

Investigator: SENSE™ (Subcutaneous and Epidural Neuromodulation System Evaluation) Study for the Treatment of Chronic Low Back and Leg Pain (2013-2015)

Investigator: 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 (2012-2015)

Investigator: A Randomized Double Blind Placebo Controlled Parallel Group Study of the Efficacy and Safety of Pregabalin (BID) in Subjects with Post-Traumatic Peripheral Neuropathic Pain (2013-2014)

Investigator: A Multicenter, Randomized, Double blind, Controlled, Comparative Study of SI6603 in Patients with Lumbar Disc Herniation (Phase III) (2013-2014)

Investigator: A Randomized, Double Blind, Parallel-Group Study Of Cardiovascular Safety In Osteoarthritis or Rheumatoid Arthritis Patients With or at High Risk for Cardiovascular Disease Comparing Celecoxib With Naproxen and Ibuprofen (2012-2014)

Investigator: A Randomized, Multi-Center, Double-Blind, Placebo-Controlled Phase III Trial to Evaluate the Efficacy, Tolerability and Safety of MRX-7EAT Etodolac-Lidocaine Topical Patch in the Treatment of Pain due to recent onset Supraspinatous Subacromial Tendonitis and/or Subdeltoid Bursitis of the Shoulder (2011-2012)

Investigator: Qualitative Interviews with Patients Diagnosed with Radicular Pain (2012-2013).

Investigator: Multi-Site Study: Partnership for Advancements in Neuromodulation (PAIN): A Prospective Clinical Outcomes Registry (2010-2013).

Investigator: A Randomized, Multi-Center, Double-Blind, Placebo-Controlled Phase III Trial to Evaluate the Efficacy, Tolerability and Safety of MRX-7EAT Etodolac- Lidocaine Topical Patch in the Treatment of Pain due to recent onset Supraspinatous Subacromial Tendonitis and/or Subdeltoid Bursitis of the Shoulder (2011-2012)

Investigator: Multi-Site Prospective Study: Spinal Cord Stimulation, Efficacy of the SJM Eon-Mini (2006-2007).

Investigator: Phase III Drug Trial for CRPS Pain (2006-2007).

Investigator: Phase II Drug Trial for Lumbar Radiculopathy Pain (2006-2007).

Investigator: Phase I Intrathecal Drug Trial for Refractive Cancer Pain (2006-2007).

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### **Professional Presentations**

Lynch, P.J., McJunkin T.L., Barrett, S., Maloney, J.A., (March, 2011) A New Surgical Approach to Peripheral Nerve Stimulation of the Deep and Superficial Peroneal Nerves for Peroneal Nerve Pain, Presented at the 2011 meeting of AAPM, National Harbor, MD.

Gentile, D. A., Woodhouse, J., Lynch, P. J., Maier, J. A., & McJunkin, T.L., (November, 2010) Reliability and validity of the Global Pain Scale with Chronic Pain Sufferers. Presented at the 2010 meeting of ASRA, Phoenix, AZ.

McJunkin, T.L., Wullott, A, Lynch, P.J. (December, 2010) Sacral Stimulation as a Treatment Modality for Intractable Neuropathic Testicular Pain, Presented at North American Neuromodulation Society 2009, Las Vegas, NV.

McJunkin, T.L., Berardoni, N.E., Lynch, P.J., Amrani, J. (December, 2009). Treatment of Post Thoracotomy Syndrome with Peripheral Subcutaneous Field Stimulation. Presented at the 2009 North American Neuromodulation Society, Las Vegas, NV.

Lynch, P.J. (December, 2009) Multi-Site Prospective Study: Spinal Cord Stimulation, Efficacy of the St. Jude Medical Eon-Mini. Presented at North American Neuromodulation Society 2008, Las Vegas, NV

Lynch, P.J., Woodhouse, J., Park, J., Dubois, M., Lebovits, A., Gentile, D.A. (February, 2006). The use of Computer-Mediated Biofeedback in the Management of Acute Post-Operative Pain. The American Academy of Pain Medicine. San Diego, CA.

Lebovits, A., Lynch, P.J., Woodhouse, J., Park, J., Dubois, M. (July, 2006) Acute Postoperative Pain: Is there a role for biofeedback? International Pain Congress. Torino, Italy.

Rosser, J.C. Jr.; Lynch, P.J.; Ryan, M; Herman, B. (January, 2005) Cognitive Skill Acquisition as a Marker of Success in Laparoscopic Surgery. The 14th Annual Medicine Meets Virtual Reality Conference. Newport Beach CA.

Rosser, J.C. Jr.; Lynch, P.J.; A; Herman, B. (January, 2005). The Use of Handheld



- Ultrasound in Pre-participation Athletic Screening. The 14th Annual Medicine Meets Virtual Reality Conference. Newport Beach CA.
- Rosser, J.C. Jr.; Lynch, P.J.; Colsant, B. (January, 2005) The Use of CD-ROM Tutorials for Patient Consent. The 14th Annual Medicine Meets Virtual Reality Conference. Newport Beach CA.
- Rosser, J.C. Jr.; Lynch, P.J.; Haskamp, L; Gentile, DA;. (January, 2005) The Effect of Warming Up with Video Games on Performance in Laparoscopic Surgery. The 14th Annual Medicine Meets Virtual Reality Conference. Newport Beach CA.
- Rosser, J.C. Jr.; Lynch, P.J; Haskamp, L; Gentile, DA; Yalif, A; Herman, B. (January, 2004) Video Games and Laparoscopic Surgery. 13th Annual Medicine Meets Virtual Reality Conference. Newport Beach CA.
- Rosser, J.C. Jr.; Colsant, B.; Lynch, P.J; Herman, B. (April, 2004) Hybrid Trainers: The future of laparoscopic surgery? The Association for Surgical Education Annual Meeting. Houston, TX
- Rosser, J.C. Jr.; Ryan, M; Herman, B; Lynch, P.J. (September, 2004). The Validation of the Internal Guidance Capability of the Gabriel-Rosser Inanimate Proctor for Acquisition of Laparoscopic Surgical Skills. The Society of Laparoendoscopic Surgeons annual meeting, New York, NY
- Rosser, J.C. Jr.; Lynch, P.J.; Haskamp, L; Gentile, DA; Yalif, A; Herman, B. (September, 2004). The Effects of Video Game Play on Time and Errors During Laparoscopic Skill Development. The Society of Laparoendoscopic Surgeons annual meeting, New York, NY
- Lynch, P.J., Gentile, D.A., Walsh, D.A. (April, 2011). The effects of violent video games on adolescent aggressive attitudes and behavior. Annual Meeting of the International Child Development Society, Minneapolis, MN.
- Lynch, P.J.(March, 1999). Hostility, Type A behavior and stress hormones at rest and after playing violent video games in teenagers. Annual Meeting of the American Psychosomatic Society, Vancouver, BC.
- Lynch, P.J. (April, 1994). Type A behavior, hostility, and cardiovascular function at rest and after playing video games in teenagers. Annual Meeting of the American Psychosomatic Society, Boston, MA.

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### **Extensive Teaching Experience**

Radiofrequency Ablation  
Percutaneous Discectomy

Vertebroplasty/Vertebral Balloon Augmentation  
Percutaneous Disc Decompression  
Practice Management  
Advanced Topics in Neuromodulation  
Future Leaders in Neuromodulation  
NANS Convention  
ISIS Convention  
WVSIPP Pain Symposium  
Opioid Use, Misuse and Abuse

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## Professional Affiliations

2012	American Academy of Pain Management
2011- Current	Arizona Medical Association
2010 - Current	Arizona Society of Interventional Pain Physicians (AZIPP)
2008 - Current	International Spine Intervention Society (ISIS)
2008 - Current	Maricopa County Medical Society
2007 - Current	American Society of Anesthesiologist (ASA)
2007 - Current	Affiliations: North American Neuromodulation Society (NANS)
2007 - Current	American Society of Interventional Pain Physicians (ASIPP)

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## Education

### Post Graduate Training

2006 – 2007	<b>Fellowship in Interventional Pain Management:</b> Texas Tech Health Sciences Center, Lubbock, TX
2003 – 2006	<b>Anesthesiology:</b> New York University Medical Center, New York, NY
2002 – 2003	<b>Surgical Internship:</b> Beth Israel Medical Center, New York, NY

### Medical Doctorate

1998-2002	University of Oklahoma College of Medicine: Oklahoma City and Tulsa, OK.
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### Bachelor of Science

1994-1998	Oral Roberts University, Tulsa, OK. <i>Summa Cum Laude.</i>
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### Certifications

2007 - 2018	Subspecialty Board Certification: Pain Medicine. #40966
2007 - 2017	Board Certification and Diplomate, American Board of Anesthesiology #40966.

2006 - Current

Active Medical Licenses in Arizona, California,  
Colorado and Nevada

2001 - Current

Advanced Cardiac Life Support.