

Curriculum Vitae

April 18, 2018

**Sanford M. Silverman, MD
Coastal Pain Medicine
100 East Sample Rd.
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Current Positions

**Sanford M. Silverman, MD, Medical Director
Coastal Pain Medicine
100 East Sample Rd.
Suite 200
Pompano Beach, FL 33064
December 20, 2017- present**

**Silver Lining Medical Consultants, LLC
8130 Glades Road; #386
Boca Raton, Fl 33434
January 2016-present**

**Institute of Pain Management, PA
1325 San Marco Blvd, Ste 4A
Jacksonville, Fl. 32207
January 1, 2017-November 10, 2017**

**Sanford M. Silverman, MD, PA
Comprehensive Pain Medicine, *Pompano Beach, FL*
June 1997 – December 31, 2016**

**Lorsand Continuing Medical Education, LLC,
Founding partner, November 2009-2011**

Hollywood Anesthesia Associates P.A., Hollywood, FL

Sept. 1996 - June 1997

Certifications

Diplomate of the American Board of Anesthesiology,
April 1991

Certificate of Added Qualifications in Pain Management, American Board of Anesthesiology,
September 1994, *Recertification*, October 2004, October 2014

Diplomate American Board of Pain Medicine, Feb. 1997

Certified Addiction Medicine, American Society
Addiction Medicine, December 9, 2006

Diplomate American Board of Addiction Medicine,
March 2009-March 2016

Expert Medical Advisor, Florida Division of Workers
Compensation, September 2008-present

Appointments/Positions

United States Army Medical Corps, Captain, Letterman
Army Medical Center, Presidio San Francisco, CA June
1986- June 1987; Ft. Sam Houston, San Antonio , TX,
1987-1990

**United States Army Medical Corps, Major, William
Beaumont Army Medical Center, Ft. Bliss, TX, July 1990-
June 1994**

**Chief, Anesthesia and Operative Service,
Director Pain Clinic
William Beaumont Army Medical Center,
Major, Medical Corps, US Army,
El Paso, TX July 1990- June 1994**

**Assistant Professor of Anesthesiology,
Texas Tech University Health Sciences Center
El Paso, TX Sept. 1992- June 1994
El Paso Anesthesia Specialists, P.A., El Paso, TX
Jan 1995 - August 1996**

**Anesthesiology Solo Practice, El Paso, TX
June 1994 - Jan 1995**

**Voluntary Clinical Assistant Professor, Dept.
Surgery, Division of Anesthesiology Nova
Southeastern University, Davie, FL, *Oct. 2010-
present***

**Voluntary Assistant Professor Medicine, University
of Miami, Miller School of Medicine. *2012- 2015***

**Voluntary Affiliate Assistant Professor of Clinical
Biomedical Science, Department of Integrated
Medical Sciences, Charles E. Schmidt College of
Medicine, Florida Atlantic University, Boca Raton, FL
*June 2013-present***

**Voluntary Clinical Associate Professor of
Anesthesiology, Nova Southeastern University College
of Allopathic Medicine, *March 1, 2017-pres***

Education

Tufts University, BS Chemical Engineering 1981
Magna Cum Laude. MS, Chemical Engineering,
1982

New York Medical College, MD, June 1986

Internship

Transitional Internship,
Letterman Army Medical Center, San Francisco, CA
July 1986-June 1987

Residency

Anesthesiology,
Brooke Army Medical Center, San Antonio, TX
July 1987 - June 1990

PGY4 year - Clinical Scientist and Cardiac Anesthesia
Commander's Award for Research
Chief Resident rotating
Pain Management Clinic

PGY3 year - Children's Hospital of Philadelphia,
Pediatric Anesthesia; University of Texas San
Antonio, Obstetrical Anesthesia; US Army Burn Unit

Publications

Meldon JH, Silverman SM, Myers LA. *Computerized Analysis of Blood-Gas Equilibria, Part II, Prediction and Interpretation of Experimental Results.* Chemical Engineering Communications, Vol. 47, pp. 125-133, 1986.

Silverman SM, Castro T. *A Comparison of Serum Lidocaine Levels Using Two Variations of the Axillary Block.* Presented at the **International Anesthesia Research Society**, 63rd Congress, Orlando, Florida, March 1989 and at the 43rd **Postgraduate Assembly in Anesthesiology**, New York City, December 1989.

Silverman SM, Culling RD, Middaugh, RE. *Rapid Sequence Orotracheal Intubation: A Comparison of Three Techniques*, *Anesthesiology* 73: 244-248, 1990.

Silverman SM, Kingsley CP, Ward JA. *The Effects of Ketamine and Thiopental on Myocardial Contractility and Function in Hypovolemic Swine.* Presented at the **Society of Cardiovascular Anesthesia** 12th Annual meeting, Orlando, Florida, May 1990.

Silverman SM, Olson KW. *Avoiding Unintentional Arterial Cannulation.* Letter to the Editor, *Critical Care Medicine*, May 1990 and *Canadian Journal of Anaesthesia*, Nov. 1989.

Ward JA, Kingsley CP, Silverman SM. *Computer Software for the On-Line Measurement of the Left Ventricular End-Systolic Pressure-Dimension Relationship.* *Journal of Cardiothoracic and Vascular Anesthesia* 5:6, 554-562, 1991.

Silverman SM. *Epidural Anesthesia and Anticoagulation: II.* Letter to the Editor, *Anesthesiology* 79: 204, 1993.

A Practical Guide for Prescribing Controlled Substances, (contributing author) PainBalance, Alparma, Inc., First Edition, 2007

Helm S., Trescot A., Colson J., Sehgal N., **Silverman S.** *Opioid Antagonists, Partial Agonists, and Agonists/Antagonists:* The Role of Office-Based Detoxification, *Pain Physician* 2008; 11: 225-235.

Silverman SM. *Opioid Induced Hyperalgesia:* Clinical Implications for the Pain Practitioner, ***Pain Physician* 2009;** 12:679-684

Daneshvari R. Solanki, MD, Dhanalakshmi Koyyalagunta, MD, Rinoo V. Shah, MD, **Sanford Silverman, MD**, and Laxmaiah Manchikanti, MD

Monitoring Opioid Adherence in Chronic Pain Patients: Assessment of Risk of Substance Misuse; Pain Physician 2011; 14:E119-E131 • ISSN 2150-1149

Marion Lee, MD, ***Sanford Silverman, MD***, Hans Hansen, MD, Vikram Patel, MD, and Laxmaiah Manchikanti, MD; ***A Comprehensive Review of Opioid-Induced Hyperalgesia***; Pain Physician 2011; 14:145-161 • ISSN 1533-3159

Manchikanti et al, ; **American Society of Interventional Pain Physicians (ASIPP) Opioid Guidelines for Responsible Opioid Prescribing in Chronic Non-Cancer Pain: Parts 1 and 2**; Pain Physician 2012; 15:S1-S66, S67-S116 • ISSN 1533-3159

Silverman, S; Letter to the editor; **Pain Medicine News, January 2013** edition; Commentary on “Interventionalist Group Releases Updated Opioid Guidelines.”

Staats, P; Silverman S. **Controlled Substance Management in Chronic Pain: A Balanced Approach**. Springer International Publishing Switzerland 2016. ISBN 978-3-319-30962-0. ISBN 978-3-319-30964-4 (eBook).

Manchikanti et al, *Responsible, Safe, and Effective Prescription of Opioids for Chronic Non-Cancer Pain: American Society of Interventional Pain Physicians (ASIPP) Guidelines*; Pain Physician; 2017; 20:S3-S92; ISSN 1533-3159

Silverman et al, **Use of immediate-release opioids as supplemental analgesia during management of moderate-to-severe chronic pain with buprenorphine transdermal system**; Journal of Pain Research 2017;10; 1255-1263.

Silverman SM, **Abuse Deterrent Formulations**; PainWeek Journal; vol. 5, Q2; 2017; pp. 30-42.

Silverman SM, **CDC Guidelines: Be Careful What You Wish For**; *Interventional Pain Management Reports*; ISSN 2575-9841 Volume 2, Number 1, pp 1-8

Memberships/Appointments

- **American Society of Interventional Pain Physicians (ASIPP) (National Society), *Director-at-large 2015-pres.***
- Florida Society of Interventional Pain Physicians, *Past- President, May 2012-2014; Director-at-large 2014-pres*
- Broward County Medical Association, *President Board of Directors 2014-2015 , member Board of Trustees; 2010-present*
- American Society of Addiction Medicine
- Florida Society of Addiction Medicine
- Florida Medical Association
- United Way of Broward County Commission on Substance Abuse, *Board of Governors, 9/13/2010 – 12/2016*
- United Way of Broward County, Commission on Substance Abuse, Prescription Medication Abuse Task Force, *Committee Member, (2008-2013)*
- Broward County Commission, Task Force on Pain Management Clinics, *May 2010-September 2010*
- Florida Pain Initiative, *Board of Directors (2005-2007)*
- Specialty Section delegate to Florida Medical Association Meeting, 2007-2013
- Florida Workers Compensation Institute (FWCI), **Educational Committee Member**, Workers Compensation Annual Meeting, Orlando Florida, *2009-present*
- Pharmacy and Therapeutics Committee, Healthcare Solutions, *2011-2016.*
- **Expert Medical Advisor** – Florida Dept. of Labor, Division of Workers Compensation *2008-present*
- **Editorial Board – Pain Physician - 2012-present; Section Editor, Controlled Substances**
- **Editorial Advisory Board** - Official Disability Guidelines (ODG/ODG Treatment), *2012-present*
- **Editorial Board – PainWeek Journal – 2014-present**
- **CDC Opioid Guidelines Shareholder Review Committee for ASIPP**, September 2015

Medical Licenses

Florida

Lectures and Presentations

Defense of Spinal Injury and Failed-Back-Surgery-Syndrome, Hartford Insurance Co., West Palm Beach, FL, May 1998.

Interventional Pain Management, Humana Worker's Compensation, case management, Altamonte Springs, FL, June 1998.

Analysis of Epidural Steroid Injections and Epidural Neuroplasty, Presented at the Annual meeting, Florida Worker's Compensation, Orlando, FL, September 1998.

Interventional Pain Management, Heritage Summit Worker's Compensation, case management, Lakeland, FL, January 1999.

Pain Management, Television appearance on Healthcare Today, MediaOne cablevision, Pompano Beach, FL, March 30, 1999.

Defense of Spinal Injury, Insurance and Law Conference on Psychological and Neurological Injury Claims, June 14-16, 1999, LeMeridien Hotel, New Orleans, LA.

Chronic Pain and Regulatory Issues, presented by North Broward Hospital District, April 8, 2000, North Broward Medical Center, Pompano Beach, FL.

Pain Management for the new Millenium, February 2003, Unisource Worker's Compensation, Sarasota, FL

Pain Management, Television appearance on Healthy Living, Comcast cablevision, Pompano Beach, FL, May, 2003

Pain Management for the new Millenium, November 2003, Vista Healthcare, Sunrise, FL

Complex Regional Pain Syndrome, December 2003, Travelers Insurance, WC division, Orlando FL.

Assessment of Abuse or Addiction in Patients Receiving Opioids for Pain, 59th Annual Workers Compensation Educational Conference, Orlando, FL August 2004.

Pain and Addiction: Strategies for Pain Specialists, Annual Meeting Florida Academy of Pain Medicine, Kissimmee FL, July 29-31, 2005.

RESPECT, Regional Emerging Solutions in Pain through Education Communication and Treatment, Miami, FL, November 16, 2005. Case Presentation.

Office-based Detoxification with Buprenorphine, Comprehensive Review Course in Controlled Substances Management, American Society of Interventional Pain Physicians, Orlando, FL April 15, 2007.

Evidence Based Pain Medicine, Annual Meeting Florida Academy of Pain Medicine, Orlando , FL July 27-29, 2007

Evidence Based Pain Medicine, First Annual Pain Management Breakout, 62nd Annual Meeting, Florida Worker's Compensation Educational Conference, Orlando, FL, August 12-15, 2007.

Pain And Addiction At The Crossroads: Treatment Approaches And Strategies, Sanford M. Silverman, MD & Bernd Wollschlaeger , MD, FAAFP, Florida Society of Addiction Medicine, Annual Meeting, Gainesville, FL, March 1, 2008

Office-based Detoxification with Buprenorphine, Comprehensive Review Course in Controlled Substances Management, American Society of Interventional Pain Physicians, St. Louis, MO, July 29, 2008.

Pain And Addiction At The Crossroads: Treatment Approaches And Strategies, Sanford M. Silverman, MD & Bernd Wollschlaeger , MD, FAAFP, Florida Medical Association, Annual Meeting, Orlando, FL, August 1, 2008.

Risk Management for Claimants Receiving Controlled Substances for Pain, Second Annual Pain Management Breakout, Moderator, 63rd

Annual Meeting, Florida Worker's Compensation Educational Conference, Orlando, FL, August 17-20, 2008.

The Use of Opioids with Chronic Pain, Florida Pain Initiative, 3rd Annual Pain Summit, MD Anderson Cancer Center, Orlando FL, September 12, 2008.

The Underdiagnosis and Under treatment of Pain, Haymarket Medical, Roundtable discussion, November 15, 2008, Palm Beach, FL

The Prescription Addiction Radio Show, February 8, 2009, 860 WGUL, Tampa Florida. Pain Management and prescription abuse.

Prescription Drug Abuse: The Silent Epidemic, presented at the Florida Society of Addiction Medicine (FSAM), USF College of Public Health, Tampa, FL. March 6, 2009.

Management of Sedative and Opioid Withdrawal; Office-based Detoxification with Buprenorphine, Comprehensive Review Course in Controlled Substances Management, American Society of Interventional Pain Physicians, Memphis, TN, May 16, 2009.

Pain and Addiction, Preconference Workshop, Florida Academy of Pain Medicine, Annual Meeting, Palm Beach, FL, July 10, 2009

Office Based Detoxification Practice for the Pain Practitioner, Preconference Workshop Florida Academy of Pain Medicine, Annual Meeting, Palm Beach, FL, July 10, 2009

Update on Florida's Prescription Drug Monitoring Program, Florida Academy of Pain Medicine, Palm Beach, FL July 12, 2009.

New Opioids and Interactions, Florida Society of Interventional Pain Physicians, Annual Meeting, Boca Raton, FL, July 25, 2009

Prescribing Opioids: What you need to know in these troubled times, Florida Society of Interventional Pain Physicians, Annual Meeting, Boca Raton, FL, July 25, 2009.

Prescription Drug Abuse in Florida: Third Annual Pain Management Breakout, **Moderator**, **64th** Annual Meeting, Florida Worker's Compensation Educational Conference, Orlando, FL, August 17-20, 2009.

The Silent Epidemic, Prescription Drug Abuse in Florida: Program Chair, Vince Carter Sanctuary, Bunnell, FL, *Florida Recovery Month*, Continuing Medical Education Activity, September 12, 2009.

"The Oxycontin Express", television documentary, **Vanguard**, Current TV, October 14, 2009.

Educational Forum on Prescription Drug Abuse: Program co-chair, NOVA Southeastern University, Davie FL, Continuing Medical Education Activity, November 14, 2009.

Florida Crossroads: "The Prescription Drug Epidemic: In-State and Out-of-Control", WFSU The Florida Channel, documentary , Season 22, 2010.

Pain Medicine and Controlled Substances: Risk Management and Best Practices, *Lorsand Continuing Medical Education, LLC*, partner and Program co-chair, March 6, 2010, Tampa, FL

Risk Assessment Tools in Pain Practice, Florida Society of Interventional Pain Physicians, Annual Meeting, Orlando, FL, May 22, 2010.

Pain Medicine and Controlled Substances: Risk Management and Best Practices, *Lorsand Continuing Medical Education, LLC*, partner and Program co-chair, June 5, 2010, Nova Southeastern University, Davie, FL

Management of Sedative and Opioid Withdrawal; Office-based Detoxification ; Controlled Substance Pharmacology; Pharmacology of Psychotherapeutic and Adjuvant Drugs in Pain Management, Comprehensive Review Course in Controlled Substances Management and Comprehensive Board Review Course; American Society of Interventional Pain Physicians, Chicago, IL, August 9-10, 2010.

Pain Medicine and Controlled Substances: Risk Management and Best Practices, *Lorsand Continuing Medical Education, LLC*, partner and Program co-chair, August 14, 2010, Valencia Community College, Orlando, FL.

Thwarting Analgesic Dependence: Fourth Annual Pain Medicine Breakout, Moderator, 65th Annual Meeting, Florida Worker's Compensation Educational Conference, Orlando, FL, August 16-18, 2010.

Pain Medicine and Controlled Substances: Risk Management and Best Practices, *Lorsand Continuing Medical Education, LLC*, partner and Program co-chair, November 13, 2010, Sawgrass Marriott , Ponta Vedra, Jacksonville, FL.

Management of Sedative and Opioid Withdrawal; Office-based Detoxification ; Controlled Substance Pharmacology; Terminology of Addiction, substance abuse; Substance abuse among Medical Professionals; Comprehensive Review Course in Controlled Substances Management and Comprehensive Board Review Course; American Society of Interventional Pain Physicians, St. Louis, MO, August 1-2, 2011.

Office Based Detoxification, Pain Management Update 2011, August 20, 2011, St. Vincent's Medical Center, Terry Conference Center , Jacksonville, FL.

Risk Management for Claimants receiving CS for Pain: 66th Annual Meeting, Florida Worker's Compensation Educational Conference, Orlando, FL, August 21-24, 2011

Pain Medicine Breakout, update on FL Law: Fifth Annual Pain Medicine Breakout, Moderator, 66th Annual Meeting, Florida Worker's Compensation Educational Conference, Orlando, FL, August 21-24, 2011.

Update on Florida Pain Clinic Law, Boca Raton Regional Hospital, Sept. 2011, 1.0 hours CME.

Comprehensive Review Course in Controlled Substances Management American Society of Interventional Pain Physicians, Phoenix, AZ,

February 24-25, 2012: Management of Sedative and Opioid Withdrawal; Office-based Detoxification ; Controlled Substance Pharmacology; Terminology of Addiction, substance abuse; Comparative Effectiveness Review of Opioid Therapy.

Controlled Substances Management Georgia Society of Interventional Pain Physicians, Greensboro, GA, May 4, 2012: **Management of Sedative and Opioid Withdrawal; Office-based Detoxification ; Terminology of Addiction, substance abuse; Comparative Effectiveness Review of Opioid Therapy.**

Controlled Substance Management:, Orlando, FL, May 17, 2012: **Fundamentals of Pain and Addiction**, Florida Society of Interventional Pain Physicians

Annual Meeting, Florida Society of Interventional Pain Physicians, May 18, 2012, Orlando , FL: **Anticoagulation in Interventional Pain Medicine**

Annual Meeting, American Society of Interventional Pain Physicians, National Meeting; June 10, 2012, Washington, DC; Controlled Substance Seminar, Moderator. Presentation: **Buprenorphine in Pain and Chemical Dependency.**

Annual Meeting, Florida Society of Addiction Medicine, June 15, 2012, Orlando, FL; **Florida Pain Clinic Law Update**

Comprehensive Review Course in Controlled Substances Management American Society of Interventional Pain Physicians, SF, CA. July 30-31, 2012: Management of Sedative and Opioid Withdrawal; Office-based Detoxification ; Controlled Substance Pharmacology; Terminology of Addiction, substance abuse; Comparative Effectiveness Review of Opioid Therapy.

Pain Medicine Breakout, “Pharmacy Utilization in Workers Compensation”: Sixth Annual Pain Medicine Breakout, **Moderator, 67th Annual Meeting, Florida Worker’s Compensation Educational Conference**, Orlando, FL, August 22-25, 2012

Centers of Excellence Lecture: “Opioid Addiction, the Cure”; Annual Meeting, Florida Worker’s Compensation Educational Conference, Orlando, FL, August 22-25, 2012

Update on Florida Pain Clinic Law, Boca Raton Regional Hospital, Sept. 2012, 1.0 hours CME.

Update on Florida Pain Clinic Law, Medical Society of Port. St. Lucie, FL, Oct. 2012, 1.0 hours CME.

Comprehensive Review Course in Controlled Substances Management American Society of Interventional Pain Physicians, Denver, CO. November 2-3, 2012: Management of Sedative and Opioid Withdrawal; Office-based Detoxification; Controlled Substance Pharmacology; Terminology of Addiction, substance abuse

Opioid Addiction: The Causes, Costs and Solutions; presented at the 21st National Workers’ Compensation & Disability Conference, Las Vegas Convention Center, Las Vegas, NV, November 7-9, 2012

Annual Meeting, Florida Society of Interventional Pain Physicians, May 17-19, 2013, Orlando , FL: **Conference Chair for Workshop on Controlled Substances and Annual Meeting;** Fundamentals of Pain and Addiction; Office Based Detoxification, Waivered Physician and X number, What you need to know; Mock Malpractice Trial, Plaintiff’s Expert.

Pain and Addiction, presented by the American Society of Interventional Pain Physicians, July 29-30, 2013 , St. Louis, MO. **Course co-chairman.**

Pain Week, Las Vegas, NV, September 5-6, 2013. National Meeting Fundamentals of Pain and Addiction; Opioid Induced Hyperalgesia.

Comprehensive Review Course in Controlled Substances Management American Society of Interventional Pain Physicians, Denver, CO. October 4-5, 2013: Dealing with the Difficult Patient; Office-based Detoxification; Controlled Substance Pharmacology; Terminology of Addiction, substance abuse; Substance abuse amongst Health Professions.

Risk Evaluation and Mitigation Strategies (REMS) and Common Sense Pain Management, Florida Medical Association, Course Co-Director
Orlando, FL , October 25-26, 2013.

Addiction Health Summit; Florida Society of Addiction Medicine and University of Florida; Opioid Induced Hyperalgesia; Orlando, FL
February 28, 2014.

Annual Meeting, American Academy of Pain Medicine; National Meeting, Analgesic Medication Controversies and Conundrums: Buprenorphine in Pain and Chemical Dependency. Phoenix, AZ , March 8, 2014

Annual Meeting, Florida Society of Interventional Pain Physicians National Meeting, May 16-18, 2014, Orlando , FL: Conference Chair for Workshop on Controlled Substances and Annual Meeting; Fundamentals of Pain and Addiction; Office Based Detoxification, Waivered Physician and X number, What you need to know; Medical Cannabis-Legalization or Not?

PainWeekEnd; Exploring Relief and Managing Side Effects of Chronic Pain Treatments: ; Atlanta, Houston, Tarrytown, Chicago; May-June 2014

Pain Medicine Breakout, “Medical Marijuana”: 8th Annual Pain Medicine Breakout, **Moderator, 69th** Annual Meeting, Florida Worker’s Compensation Educational Conference, Orlando, FL, August 2014

Pain Week, Las Vegas, NV, September 6, 2014. National Meeting, Interventional Pain Medicine Track, sponsored by American Society of Interventional Pain Physicians.

Boca Raton Regional Hospital Grand Rounds Boca, Raton, FL, September 9, 2014: Chronic Pain Management in Florida; lessons learned. Medical Cannabis; legalization or not?.

Comprehensive Review Course in Controlled Substances Management American Society of Interventional Pain Physicians, Orlando, Fl. October 17-18, 2013: Office-based Detoxification; Controlled Substance

Pharmacology; Terminology of Addiction, substance abuse; Treatment Guidelines for Opioid Therapy.

Risk Evaluation and Mitigation Strategies (REMS) and Common Sense Pain Management, Florida Medical Association, Course Co-Director
Miami, FL , October 25, 2014.

PainWeekEnd; Exploring Relief and Managing Side Effects of Chronic Pain Treatments; Fundamentals of Pain and Addiction ; New Orleans
November 2014

American Society of Regional Anesthesia (ASRA) Pain Medicine Meeting, National Meeting, San Francisco, CA, November 15-16, 2014;
Problem Based Lunch Discussion: Perioperative Management of Buprenorphine. Moderator Parallel Session on Management of Substance Abuse: Buprenorphine in Pain and Chemical Dependency; Management of Opioid and Sedative Withdrawal.

PainWeekEnd; Exploring Relief and Managing Side Effects of Chronic Pain Treatments; Fundamentals of Pain and Addiction ; Honolulu , HI
December 6, 2014

Annual Meeting American Society of Interventional Pain Physicians, National Meeting; April 9-11, 2015, Orlando, FL; Controlled Substance Seminar, Moderator. Presentation: **Overdose Prevention Strategies.**
Presentation: **CDC Data On Prescription Overdose Deaths; What Have We Learned?**

Comprehensive Review Course in Controlled Substances Management
American Society of Interventional Pain Physicians, Chicago, IL. July 19-20, 2015: Course director.

Abuse Deterrent Technologies; Management of Dependency and Withdrawal, Pain Management Update 2015, August 15, 2015, St. Vincent's Medical Center, Terry Conference Center , Jacksonville, FL.

Pain Medicine Breakout, “Treatment of Opioid Overdose”: 9th Annual Pain Medicine Breakout, **Moderator, 70th Annual Meeting,** Florida Worker’s Compensation Educational Conference, Orlando, FL, August 25, 2015

National Association of Workers’ Compensation Judiciary, Medical Marijuana; Legalization or not? 70th Annual Meeting, Florida Worker’s Compensation Educational Conference, Orlando, FL, August 25, 2015

PainWeek National Meeting; Las Vegas, NV, September 8-12, 2015. Who’s on first; Low back pain tx. Opioid Induced Hyperalgesia; clinical implications for the pain practitioner.

NYSIPP/NJSIPP Annual Meeting: Jersey City, NJ, November 6-7, 2015. Moderator, Opioids: Still an Integral part of Pain Therapy; Abuse Deterrent Technologies lecture. Moderator, Safe Opiate Course; Management of Withdrawal and Exit Strategies lecture.

American Society of Regional Anesthesia (ASRA) National Meeting; November 19-21, 2015, 14th Annual Pain Medicine Meeting, Fontainebleau Miami Beach, FL. Instructor BOTOX for migraine workshop. Problem Based Lunch discussion, Buprenorphine for pain.

Comprehensive Review Course in Controlled Substances Management American Society of Interventional Pain Physicians, Orlando, FL. February 26-27, 2016 : Course director.

An Interprofessional Conference Cannabis: Science, Medicine, And Addiction; Nova Southeastern University; April 9, 2016; **Pain And Addictive Properties Of Cannabis.**

National Meeting Annual American Society of Interventional Pain Physicians, National Meeting; April 14-17, 2016, Dallas, TX. Controlled substances seminar. Cannabinoids in Chronic Pain: Revolution or another debacle in the making?; The Essence of CDC guidelines: Ramifications.

Georgia Society of Interventional Pain Physicians (GSIPP); April 22-23, 2016, Lake Oconee, GA. Opioid Induced Hyperalgesia; Urban legend or truth?; Abuse Deterrent Technologies; who will pay for them?; Florida Legislative Update; 5 years later.

Annual Meeting, Florida Society of Interventional Pain Physicians
National Meeting, May 20-22, 2016, Orlando , FL: Conference Chair for Workshop on Controlled Substances and Annual Meeting; **Terminology of Addiction; Management of dependency and Exit Strategies, CDC guidelines. Opioid Induced Hyperalgesia; fact or fiction.**

Pain 2016, West Virginia Society of Interventional Pain Physicians,
National Meeting, July 22-24, 2016, Nassau Bahamas. **Medical Cannabis; Fact or Fiction. Panel discussions: Opioid overdoses and Abuse Deterrent Technologies.**

PainWeek National Meeting; Las Vegas, NV, September 6-10, 2016. ***“If Opioids aren’t the Answer then what is the question”***, case based studies in interventional pain techniques. CME program ***“The Need for a Personalized Team Approach in Managing Chronic Pain”***

NYSIPP/NJSIPP Annual Meeting; Jersey City, NJ, November 5, 2016. Moderator, ***Management Of Withdrawal And Exit Strategies For The Pain Practitioner. CDC Guidelines; Ramifications For The Pain Practitioner.*** Moderator, Safe Opiate Course; Management of Withdrawal and Exit Strategies lecture.

American Society of Regional Anesthesia (ASRA) National Meeting; November 18-19, 2016, **15th Annual Pain Medicine Meeting,** San Diego, CA. ***Medical, Regulatory, Legal guidelines for Medical Marijuana; Expert panel on Opioid legal prescribing.CDC guidelines.***

Washington Society of Anesthesiologists/British Columbia Society of Anesthesiologists; Regional Meeting, December 2-4, 2016, Vancouver, BC. ***Medical, Regulatory, Legal guidelines for Medical Marijuana***

National Meeting Annual American Society of Interventional Pain Physicians; April 20-23, 2017, Las Vegas, NV. Controlled substances seminar. ***Moderator panel: Opioid management. The Medicine and***

Science of Cannabis. Controlled Substances: Exit strategies for the Pain Practitioner.

Annual Meeting, Florida Society of Interventional Pain Physicians National Meeting, April 27-30, 2017, Orlando , FL: Course Director for Safe Opiate Prescribing Course. Annual Meeting; Moderator for Opioid Management section: *Novel Opioids; Dealing with the Difficult Patient, The Story of Fentanyl, The Science and Medicine of Cannabis (presenter).*

PainWeekend; *Opioid Induced Hyperalgesia; Abuse Deterrent Technology, Is it worth it?;* May 21, 2017 Atlanta. PainWeekend.

PainWeekend; *Opioid Induced Hyperalgesia; Abuse Deterrent Technology, Is it worth it?;* June 11, 2017 Houston, TX. PainWeekend.

PainWeekend; *Opioid Induced Hyperalgesia; Abuse Deterrent Technology, Is it worth it?;* June 25, 2017 New Orleans, LA,. PainWeekend.

Comprehensive Review Course in Controlled Substances Management American Society of Interventional Pain Physicians, Chicago, FL. July 24-25, 2016 : Course director.

Pain Management Update 2017

Saturday 19 August 2017, DoubleTree by Hilton Jacksonville Riverfront
“Impact of CDC Guidelines in Pain Management”

NYSIPP/NJSIPP Annual Meeting: Jersey City, NJ, October 27. 2017. Safe Opiate Course; CDC guidelines, ramifications; Medical Science of Cannabis.

Florida Hospital Association Meeting, December 13, 2017, Lake Mary Florida, **Medical Marijuana:** Complying with Florida’s Statutory and Constitutional Requirements.

National Meeting: American Society of Interventional Pain Physicians
Annual Meeting; March 15-17, 2018 , Orlando, FL. *Moderator panel:*
Opioids: How to Protect Yourself when Prescribing Opioids.