Curriculum Vitae

Graves T Owen, MD 30 Meandering Way Round Rock, Texas 78664

October 18, 2014

Fellowship Training: Pain Management

University of Pittsburgh Medical Center Pittsburgh, PA Pain Evaluation and Treatment Center Department of Anesthesiology August 8, 1994 to August 7, 1995

Residency: Anesthesiology

University of Texas Health Science Center Houston, Texas Department of Anesthesiology August 1, 1991 to July 31, 1994

Internship:

University of Texas Health Science Center Houston, Texas Department of Internal Medicine July 1, 1990 to June 30, 1991

Medical School:

University of Texas Health Science Center Houston, Texas 1986 to May 1990

Postgraduate:

Texas State University San Marcos, Texas 1985 to 1986

Undergraduate:

Texas State University San Marcos, Texas B.S. in Chemistry 1980 to 1985

Medical Licenses: Texas: J0175

DUNS #: 96-060-3116

Board Certifications:

Diplomate American Board of Anesthesiology #32715 Diplomate American Board of Pain Management

Certification: Certified for outpatient management of opioid dependency, inactive.

Work Experience:

09.05.1995 to 12.01.2011; Texas Pain Rehabilitation Institute, PA (an interdisciplinary pain management clinic)

02.01.2008 to present; Paradigm Outcomes Medical Director (Pain Management)

05.26.2009 to present; Member, Advisory Board, DoctorsSafeguard.Com

09.02.10 to 08.31.12; Medical Quality Review Panel Member, Texas Department of Insurance, Division of Workers Compensation, Office of Medical Advisor

02.11.11 to present; Arbiter (Quality Assurance Panel), Texas Department of Insurance, Division of Workers Compensation, Office of Medical Advisor

02.24.11 to present; Peer reviewer, Pain Medicine. Journal of the American Academy of Pain Medicine.

12.01.11 to 02.15.13; Addiction Medicine, limited to opioid dependency (outpatient Suboxone treatment)

03.12.12 to present; Editorial Advisory Board, Official Disability Guidelines (Work Loss Data Institute)

03.22.12 to present; Aviation Medical Examiner

10.14.14 to present;

Co-chair, Quality Assurance Committee, Texas Department of Insurance, Division of Worker's Compensation, Office of Medical Advisor.

Publications/ Research:

Brett R Stacey, Graves T Owen, J David Sinclair, Kyle D Tipton, Ronald Glick, Gabapentin for Neuropathic Pain. Regional Anesthesia. 1996;(21, 2S):65.

Owen GT, Burton AW, Schade CM, Passik SD. Urine Drug Testing: Current Recommendations and Best Practices. Pain Physician. 2012;15:ES119-ES133.

Owen GT, Schade CM, Burton AW, Day M, Crocket K. Texas Pain Society White Paper: Utilization of Texas Prescription Monitoring Program. 08.23.12.

Texas Pain Society/Texas Medical Association; Pain Medicine: State of the Art 2011. Printed and distributed by Texas Medical Association. Submitted.

Owen GT, Chundru S, Dolinak D, Crockett K. Pain Medicine Accidental Drug Overdoses in Travis County during 2011. A Texas Medical Society, Physician Oncology Education Program, and Cancer Prevention and Research Institute of Texas educational program for up to 1.5 AMA PRA category 1 credits including 1.5 hours of Ethics/Professional Responsibility credits. Release date 11.15.2012. Expiration date 11.15.2015. Available at <u>www.texmed.org/opioidabuse</u>.

Owen GT, Chundru S, Dolinak D, Crockett K. Pain Medicine Accidental Drug Overdoses in Travis County During 2011. TCMS Journal 1012;58(6):14-15.

Monitoring Pain Medications: Mass spectroscopy-confirmed UDT for monitoring controlled substances has become a standard of care. Advanced healthcare network for NPs and PAs. Posted October 4, 2013. Available at: <u>http://nurse-practitioners-and-physician-assistants.advanceweb.com/Features/Articles/Monitoring-Pain-Medications.aspx</u>

Awards:

Runner Up "Get a Life" award presented 10.31.2010 at 2nd annual Texas Pain Society Scientific Meeting in Bastrop, Texas

"Get a Life" award presented 11.06.2011 at 3rd annual Texas Pain Society Scientific Meeting in Bastrop, Texas

Certificate of appreciation by the Texas Pain Society for working with the 82nd Texas Legislative Session presented 11.06.2011 at 3rd annual Texas Pain Society Scientific Meeting in Bastrop, Texas

Appreciation of dedicated service as director of the Texas Pain Society. Presented on 10.28.12 at the 4th annual Texas Pain Society Scientific Meeting.

Pain Management Physician (PMD) Recognition Award, Paradigm Outcomes, 2013 Q3 Recognition Award (10.15.13).

Speaker Experience:

Efficacy and Cost Effectiveness of Interdisciplinary Chronic Pain Rehabilitation Programs. St. David's Medical Center, Grand Rounds, June 18, 1997.

Efficacy and Cost Effectiveness of Interdisciplinary Pain Management Programs Using a Biopsychosocial Model Compared to the Traditional Medical Model for Chronic Painful Spinal Conditions. Pain Management Guest Speaker for Add a Day for TMA, Texas Academy of Family Practice April, 23rd, 1998.

Efficacy of Interdisciplinary Pain Management. University of Texas Health Care System-Houston. Pain Management Grand Rounds. March 2, 1999.

Efficacy of Interdisciplinary Pain Management. Seton Health Care System. Grand Rounds. Barton Creek Country Club. March 4, 2000.

Conservative Therapies for the Treatment of Pain. Texas Pain Society, Regional Meeting on Pain Management, Round Rock, TX June 6, 2009.

Senate Bill 911; Certification of pain management clinics in Texas. TxPAIN, Texas Pain Advocacy & Information Network, Stakeholders Meeting, American Cancer Society. April 8-9, 2010.

Chronic Opioid Therapy: Clinical Management Strategies. Paradigm-Travelers Summit. St. Paul. MN 2010. September 14, 2010.

Urine Drug Testing in Pain Management, 28th Annual Pain Symposium, Texas Tech University Health Science Center, June 10-12, 2011.

How Did the 82nd Texas Legislative Session Change Pain Management? Presented at Austin Pain Society. August 25, 2011, Austin, Texas.

Urine Drug Testing in Pain Management. San Antonio Pain Society. Presented in San Antonio, Texas on September 8, 2011.

Clinical Application of Psychometric Testing in Pain Management. Presented at Texas Society of Anesthesiologist Annual Conference. September 09, 2011 in San Antonio, Texas.

What is the difference between a pain clinic and a pill mill? Legislative Outreach Lecture. Austin, Texas September 30, 2011.

Urine Drug Testing: Panel Update. Presented at the Texas Pain Society 3rd Annual Scientific Meeting (November 4th-6th) on 11.05.11 in Bastrop, Texas.

Medical Marijuana- Science or Dogma? Discussant for presenting fellow's presentation, Presented at the 29th Annual Texas Tech Pain Symposium held on June 2nd, 2012.

Analysis of 162 preventable lethal drug overdoses in 2011 in the Travis County area with following discussion of how opioids and controlled drug cocktails are being are overutilized and result in a public safety crisis with suggestions for corrective actions. A Travis Count Medical Examiners and Texas Pain Society joint presentation to Texas Association of Family Physicians, Commission on Public Health, Clinical Affairs, and Research. 63rd Annual Session & Scientific Assembly, Texas Academy of Family Physicians. Austin, Texas 07.12.2012

Accidental drug overdose deaths in Travis County during 2011. A joint presentation of the Travis County Medical Examiner's Office and Texas Pain Society. August 23, 2012. Austin, Texas. A presentation to local chapters of Texas Academy of Family Practice, Texas Osteopathic Medical Association, Texas College of Emergency Physicians, and Austin Pain Society.

Standard of Care and Using the Official Disability Guidelines (ODG) in Performing Chart Reviews for TDI, DWC, OMA Opioid Audit. OMA Headquarters. Austin, Texas 09.05.12 and 09.19.12.

Urine drug testing in pain management. Austin, Texas 09.11.12.

Accidental drug overdose deaths in Travis County during 2011. A Texas Pain Society presentation to the El Paso Pain Society, El Paso, Texas 10.18.12.

Psychosocial aspects of pain patients: risk assessment, personality disorders, screens for interventional procedures. Presented at 4th annual Texas Pain Society annual scientific conference on 10.26.12.

How to incorporate psychometrics into your pain practice. Presented at the 4th annual Texas Pain Society annual scientific conference on 10.27.12.

Pain Medicine and Prescriptive Drug Abuse: Statistics from Travis County. Texas Osteopathic Medical Association (TOMA) annual scientific conference. 02.09.13, Dallas Texas.

Common Pain Medications: What the Evidence Says: Digging Through a Mountain of Information to Identify the Facts. Paradigm Outcomes' sponsored Webinar 02.21.13. Available at: <u>http://www.paradigmcorp.com/webinars</u>

Urine Drug Testing in Pain Management. 30th annual pain symposium, Texas Tech University Health Science Center Lubbock, Texas. 06.08.13

Pain Medicine and Prescriptive Drug Abuse: Statistics from Travis County. Presented at the Texas Association of Family Physicians 64th annual scientific assembly on August 3rd, 2013 Fort Worth, Texas.

Analgesics- Science or Dogma? Presented at the Texas Society of Anesthesiologist, Annual Scientific meeting, pain management track, September 6th 2013, Bastrop, Texas.

DWC Closed Formulary Panelist Discussion at Texas Department of Insurance, Division of Worker's Compensation, 2013 Annual Educational Conference, General Session, in Austin, Texas on September 13th and Dallas, Texas on October 22nd. Panelists were Graves T. Owen, MD, Nicholas Tsourmas, MD (Texas Mutual Insurance), moderated by Matt Zurek, Executive Deputy Commissioner, Health Care Management and System Monitoring.

Insurance Council of Texas 2013 Workers' Compensation Conference. Workers' Compensation Panel Discussion: Hot Button Workers' Compensation Issues. Panelists-Stuart Colburn (moderator), Rod Bordelon (TDI, DWC Commissioner), Cathy Stoebner-DeWitt (Texas Association of Business), Trey Gillespie (Property Casualty Insurers Association of America), and Graves T. Owen MD (President, Texas Pain Society). Austin Texas 10.03.13.

ER/LA Opioid Risk Evaluation and Mitigation Strategy (REMS): Achieving safe use while improving patient care. CHRISTUS Spohn Hospital Memorial. October 8th, 2013 Corpus Christy, Texas.

Outcome Benchmarks in Pain Medicine. Presented at the Texas Pain Society 5th annual scientific meeting, October 26th, 2013, Bastrop, Texas.

Panel Discussion: Pain, ER, and Family Practice- Role of Opioids. Panelist include John Hamilton (ER physician), Troy Fiesenger MD (President, Texas Association of Family Physicians), Kevin Smith PhD (health psychologist), Graves T. Owen MD (President, Texas Pain Society). October 26th, 2013, Bastrop, Texas.

How a Closed Pharmacy Formulary Protects Injured Workers and Payers. Prium Education Service. Panelists Mark Pew (moderator), Rod Bordelon (TDI, DWC Commissioner), Matt Zurek (TDI, Deputy Commissioner), Stuart Colburn (attorney for Downs Stanford), and Graves T. Owen (President, Texas Pain Society). Insurance Council of Texas Headquarters, Austin Texas 11.14.2013.

Opioids in a Nutshell. A Paradigm Outcomes' Sponsored Webinar 11.18.13. Available at: http://www.paradigmcorp.com/webinars

Complex Pain Cases. An Explanation of Core Concepts in Pain Management. A Paradigm Outcomes Education Outreach. AIG Headquarters, Dallas Texas. January 15, 2014.

Spine Care: Obtaining accurate diagnoses and exhausting conservative care. A Texas Pain Society Greater North Texas Chapter meeting. January 16, 2014. Dallas, Texas.

Accidental lethal drug overdoses: Data from Travis County. Presented at TexMed on May 2, 2014 in Fort Worth, Texas.

Urine Drug Testing Interpretation. 31st Annual Pain Symposium, Texas Tech University Health Science Center. June 8th, 2014.

Liability trends in pain management. A video presentation to Medicus claims management department. Presented at Medicus headquarters. Austin, Texas on June 6th, 2014.

It's Not Just Opioids: Problematic Interventional Pain Treatments. A Paradigm Outcomes Webinar. Presented June 18th, 2014. Available at: http://www.paradigmcorp.com/webinars

Worker Compensation Discussion: Hot button issues for adjusters and attorneys. Insurance button issues for adjusters and attorneys. Panelists Stuart Colburn (Downs Stanford), Trey Gillespie (Property Casualty Insurance Association of American), Richard Levy (Legal and Educational Director Texas AFL-CIO), Sam McMurray (Texas Self-Insurance Association), Jane Stone (Stone, Laughlin & Swanson LLP), Graves T. Owen (Texas Pain Society). Insurance Council of Texas (ICT) 2014 Worker's Compensation Conference, Austin, Texas. September 18, 2014.

Opioids-Science or Dogma and indications and contraindications for interventional pain management procedures. Presented at the annual medical directors meeting, Superior Health Plan headquarters, Austin, Texas on October 22nd, 2014.

Analgesics- Science or Dogma? A review of the evidence for analgesics. Presented at the 6th annual Texas Pain Society scientific conference on October 25th, 2014.

Professional Associations:

American Pain Society American Academy of Pain Medicine American Academy of Pain Management Texas Medical Association Texas Pain Society Austin Pain Society

Leadership Roles:

Past President, Texas Pain Society President, Texas Pain Society, 2012-2014 President-Elect, Texas Pain Society, 2011-12 Member, Board of Directors, Texas Pain Society, 2009-2012 Founder: Austin Pain Society President: Austin Pain Society, 2007-2008 Chairman, Membership Committee, Texas Pain Society, 2011-2013 Chairman Legislative Committee, Austin Pain Society, 2008-present Legislative Committee, Texas Pain Society, 2008-present Educational Committee (TPS Annual Meeting Steering Committee), Texas Pain Society, 2010-present.

Planning Committee, TexMed 2015, Texas Medical Association, August 16, 2014.

Member, House of Delegates, Texas Medical Association March 2014 to present.

Chronic Pain Rehabilitation Task Force (American Pain Society), 2005

Reviewed the proposed policy for Interventional Pain Management for Texas Health & Human Services Commission, Office of Medicaid/CHIP. September 2009.

Represented Texas Pain Society in constructing and presenting suggestions for pain management procedures requiring informed consent and suggested risks from such procedures to the Texas Medical Disclosure Panel Meeting, Texas Department of Health Services, 04.23.2010, Austin, Texas

Advocated for urine drug testing in pain management to Clinical Advisory Committee for Trailblazer, February 2011.

Represented Texas Pain Society as a stakeholder/participant in Texas Association of Business (TAB) Alliance for Responsible Drug Use, 11.11.11 in Austin, Texas at TAB headquarters.

Chairman and lead author, Resolution Committee for Responsible Opioid Prescribing in Pain Management to be introduced to TMA, TPS, (2012). Resolution 313 adopted by TMA on May 19, 2012.

Represented Texas Pain Society at National Alliance for Model State Drug Laws in Santa Fe, New Mexico, 09.25.12

Represented Texas Pain Society at Texas Senate Criminal Justice Committee regarding prescription drug abuse. 10.30.12

Represented Texas Pain Society at Texas Medical Association Advocacy Retreat. 12.08.12 TMA headquarters Austin, Texas.

Alternate Member, Novatis Contractor Advisory Committee (CAC), 2013 to present.

Represented Texas Medical Association and Texas Pain Society as a testifying witness at the Texas Senate Committee for Health and Human Services in support of SB 1643 (relating to prescription monitoring program enhancements) and SB 1646 (relating to closing loop holes in pain clinic registration) and the Texas Pain Society in support of SB 1644 (relating to mandatory pain management education) on 04.16.13.

Represented Texas Pain Society as a testifying witness at the Texas House Committee for Health and Human Services in support of SB 1643 (relating to prescription monitoring program enhancements) and SB 1646 (relating to closing loop holes in pain clinic registration) on 05.13.13.

Represented Texas Medical Association and Texas Pain Society on the Performance Based Oversight Committee, Texas Department of Insurance, Division of Worker's Compensation. 06.2013-present.

Represented Texas Pain Society and Texas Medical Association as an invited testifying witness at the House Committee on Public Health on April 7th, 2014 Austin Texas. The hearing was focused on prescription drug abuse and strategies to reduce this epidemic.