

## CURRICULUM VITAE

**Erik T. Shaw, D.O.**

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### CURRENT EMPLOYMENT

Medical Director, Shepherd Spine and Pain Institute	2017-present
Supervising Physician, Shepherd Spine and Pain Institute	2006-2017
Shepherd Center, Atlanta, Georgia	

### FACULTY APPOINTMENT

Clinical Assistant Professor, Department of Rehabilitation Medicine	2006-present
Emory University School of Medicine, Atlanta, Georgia	

### EDUCATION

Pain Management Fellow	2005-2006
Department of Anesthesiology	
The University of Texas Health Science Center, San Antonio, Texas	

Physical Medicine and Rehabilitation Resident	2001-2005
Department of Rehabilitation Medicine	
The University of Texas Health Science Center, San Antonio, Texas	

Doctor of Osteopathy	1997-2001
Texas College of Osteopathic Medicine	
The University of North Texas Health Science Center, Fort Worth, Texas	

Bachelor of Science, Biomedical Engineering	1990-1995
Texas A&M University, College Station, Texas	

### BOARD CERTIFICATIONS

American Board of Physical Medicine & Rehabilitation – Pain Medicine	Certified 2006 Recertified 2016
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American Board of Physical Medicine & Rehabilitation	Certified 2006 Recertified 2016
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### LICENSURES

Georgia State Medical License 58012  
Texas State Medical License M0916

## RESEARCH

Safety and Efficacy Study of Hydromorphone Hydrochloride by Intrathecal Administration Using a Programmable Implantable Pump: To determine safety and efficacy of intrathecal hydromorphone for use in patients with chronic pain. Enrollment closed October 2016.

Patient Registry of Intrathecal Ziconotide Management (PRISM): To determine long-term safety and efficacy of intrathecal Ziconotide. Enrollment closed 2015.

A Prospective Multi-Center Trial Evaluating the Use of Sub-Perception MICC SCS: To determine if pain control can be obtained at higher frequency stimulation rates without typical paresthesia. 2015–present.

IT Prial and Prevention of Neuropathic Pain in SCI from Gun Shot Wound, investigator initiated trial. 2008.

Modified Constraint Induced Therapy in Acute Stroke: To determine if outcomes are improved with CIT in acute stroke. 2003.

## PUBLICATIONS

Shaw E, Saulino M. Management Strategies for Spinal Cord Injury Pain Updated for the Twenty-First Century. *Phys Med Rehabil Clin N Am.* 2020 Aug;31(3):369-378. doi: 10.1016/j.pmr.2020.03.004. Epub 2020 May 22. PMID: 32624100 Review.

American Academy of Physical Medicine and Rehabilitation Position Statement on Opioid Prescribing. Shaw E, Braza DW, Cheng DS, Ensrud E, Friedman AS, Hamilton RG, Miller JJ, Nagpal AS, Sharma S. *PM R.* 2018 Jun;10(6):681-683. doi: 10.1016/j.pmrj.2018.05.004. Epub 2018 May 16. PMID: 29758294 Review. No abstract available.

Outcomes of a Multicenter, Prospective, Crossover, Randomized Controlled Trial Evaluating Subperception Spinal Cord Stimulation at  $\leq 1.2$  kHz in Previously Implanted Subjects. North J, Loudermilk E, Lee A, Sachdeva H, Kaiafas D, Washabaugh E, Sheth S, Scowcroft J, Mekhail N, Lampert B, Yearwood T, Shaw E, Atallah J, McLeod C, Han J, Yu C, Sedrak M, Lucas R, Trobridge A, Hegarty J, Miller N, Chen L, Jain R. *Neuromodulation.* 2020 Jan;23(1):102-108. doi: 10.1111/ner.13015. Epub 2019 Jul 2. PMID: 31265205 **Free PMC article.** Clinical Trial.

Saulino, M, Kim, PS, Shaw, E. Practical considerations and patient selection for intrathecal drug delivery in the management of chronic pain. *J Pain Res.* 2014, Nov 10. 7:627–638. eCollection. 2014. Review. PMID: 25419158 [PubMed – as supplied by publisher].

Sussman, WI, Shaw E. Intracranial hypertension after spinal cord injury and suboptimal cervical fusion. *PM&R.* 2014, Feb. 6. (2): 199–202. doi: 10:1016/j.pmrj. 2013.08.595. Epub 2013, Dec 20. PMID: 24361119 [PubMed – indexed for MEDLINE].

Saulino M, Shaw E. New devices and drugs on the horizon in pain management. *J Neurosurg Sci.* 2012, Dec. 56(4): 313–22. Review. PMID: 2311292 [PubMed – indexed for MEDLINE].

Shaw, E. Upper extremity and lower extremity tendonitis. Chapter in Ramamurthy, S & Rogers, JN, ed. *Decision Making in Pain Management.* St. Louis, Mo. B.C. Decker. 2006, Elsevier.

Shaw, E. EMG and quality of life in chronic pain. Chapter in Ramamurthy, S & Rogers, JN, ed. *Decision Making in Pain Management.* St. Louis, Mo. B.C. Decker. 2006, Elsevier.

## PRESENTATIONS

“PNS: Has its Time Finally Arrived”, AAPMR, November 2024

*"Treating Pain in Complex Patients: Arthroplasty and Neuromodulation", Disasterplasty, September 2024.*

"I just inherited 100 pumps, now what?", NANS precourse moderator January 2018.

"I just inherited 100 pumps, now what?", NANS precourse moderator January 2017.

CME Lecture to Primary Care Physicians, regarding SCI, including epidemiology, anatomic issues, physiologic changes and fundamental health concerns for patients after they have sustained an SCI. Georgia Osteopathic Medical Association Annual Conference. Atlanta. November 2016.

Lecture. Contact heat-evoked potential and spinal cord stimulation, neurophysiology mechanism of spinal cord stimulation. International Neuromodulation Society. Montreal, Canada. June 2016.

Joint lecture with Michael Saulino, Moss Rehabilitation, and Brian Bruel, MD Anderson. What every physiatrist should know about intrathecal therapy. AAPMR Orlando, FL. November 2011.

Joint lecture with Michael Saulino, Moss Rehabilitation, and Brian Bruel, MD Anderson. What every physiatrist should know about intrathecal therapy. AAPMR. Seattle, WA. November 2010.

Emory University Primary Care Physicians CME lecture. What every physiatrist should know about pain management. Chattanooga, TN. June 2011.

Lecture for workers' comp case managers. Pain management in the injured worker: End of the line or first pass. Atlanta, GA. October 2009.

## **POSTERS**

Shaw, E. Real World Outcomes in Patients with Chronic Pain in Nalu™ Peripheral Nerve Stimulator: Trials and Post Implant Data, AAP, Orlando, FL. February 2024

Shaw, E., Rozak, M., Porter, S. Percutaneous Nerve Stimulation for the Treatment of Acute and Chronic Pain: A Case Series. North American Neuromodulation Society, Las Vegas, NV. January 2019.

Shaw, E., Rozak, M. Chronic Central Neuropathic Pain Significantly Reduced with Lithium Carbonate. American Academy of Physical Medicine and Rehabilitation Annual Assembly, Orlando, FL. October, 2018.

Shaw, E; Musser, JT. 1200Hz Sub-Threshold Epidural Stimulation for Pain Control. North American Neuromodulation Society. Las Vegas, NV. December 2012.

Shaw, E., Bradley, K., Mekel-Bobrov, N. Clinical outcomes of spinal cord stimulation (SCS) in patients with chronic spinal cord injury. International Neuromodulation Society Annual Conference. London, England. May, 2011.

Shaw, E. Ziconotide for managing central pain associated with multiple sclerosis: A case series. The American Academy of Pain Medicine Annual Conference. National Harbor, MD. March, 2011.

Shaw, E. Low back pain in lower extremity amputees: to determine incidence of LBP in this population and whether certain prosthetic component choices influence back pain. American Academy of PM&R Annual Assembly. Philadelphia, PA. October, 2005.

## **COMMITTEE APPOINTMENTS**

Shepherd Center Peer Review Committee Chairman  
Active member  
Shepherd Center CAUTI Committee  
Shepherd Center Medical Executive Committee

2015-2017  
2017-present  
2016-2017  
2007-present

## PROFESSIONAL MEMBERSHIPS

Spine Intervention Society	2006–present
North American Neuromodulation Society	2006–present
Greater Atlanta Pain Society	2006–present
American Academy of Physical Medicine and Rehabilitation	2001–present
World Academy of Pain Medicine United	2021–present
Association of Academic Physiatrists	2001–2005

## PROFESSIONAL ACTIVITIES

AMA, Pain Care Task Force	2018–present
Chair Elect, Pain and Neuromuscular Council American Academy of Physical Medicine and Rehabilitation	2017–2018
Community Chair, Pain Medicine Community American Academy of Physical Medicine and Rehabilitation	2018–2021
Chair, Opioid Task Force American Academy of Physical Medicine and Rehabilitation	2017–present
Vice Chair of Communication, Pain and Neuromuscular Council American Academy of Physical Medicine and Rehabilitation	2015–2017
American Academy of Physician Leaders	2017–present
<i>Neuromodulation Journal</i> Peer Reviewer	2011–present
Vice President, Greater Atlanta Pain Society	2010–present

## HONORS AND AWARDS

Numerous Bronze, Silver, and Gold Stars for customer service Shepherd Center, Atlanta, Georgia	2006–present 1990–1994
Lechner Fellowship	1995
University and Foundation Honors Texas A&M, College Station, Texas	

## OTHER WORK EXPERIENCE

MissionSupport Scientist for Mir Space Station-Shuttle Program Lockheed Martin at Lyndon Johnson Space Center Clear Lake, Texas	1996–1997
Lab Assistant, Biomedical Engineering Instrumentation Program National Institute of Health Bethesda, Maryland	1993
Biochemical Lab Technician, Center for Biotechnology Baylor College of Medicine Woodlands, Texas	1992
Biochemical Lab Technician, Department of Biochemistry University of Houston Houston, Texas	1991

## CORPORATE RELATIONSHIPS

Available upon request