

MICHAEL F. ESPOSITO, M.D.

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Practice Address
5545 N. Wickham Road
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Melbourne, FL 32940

POST-DOCTORAL TRAINING

Massachusetts General Hospital, Department of Anesthesia, Critical Care and Pain Medicine
Pain Medicine Fellow

Boston, MA
July 1, 2014 – June 30, 2015

University of Chicago Medical Center, Department of Anesthesia and Critical Care
Categorical Anesthesiology Resident, Chief Resident (2013-2014)

Chicago, IL
July 1, 2011 – June 30, 2014

Resurrection Medical Center, Department of Medical Education
Transitional Year Resident, Chief Resident

Chicago, IL
June 23, 2010 – June 22, 2011

EDUCATION

Georgetown University, School of Medicine
Medical Doctorate

Washington, DC
August 2006 – May 23, 2010

University of Pennsylvania, College of Arts and Sciences
Bachelor of Arts, Cum Laude – Major: Biology
Minors: Chemistry, Biological Basis of Behavior, Health Services Management

Philadelphia, PA
August 2002 – May 15, 2006

MEDICAL LICENSURE

State of Florida, License No. ME121952 Issued October 17, 2014 / Expires January 31, 2019

Commonwealth of Massachusetts, License No. 258837 Issued May 14, 2014 / Expires March 25, 2018

State of Illinois, License No. 036.131370 Issued September 12, 2012 / Expired July 31, 2017

Federal DEA Registration Issued June 11, 2014 / Expires August 31, 2020

BOARD CERTIFICATION

American Board of Anesthesiology, Certificate No. 53400 Issued March 12, 2015 / Expires December 31, 2025

American Board of Anesthesiology, Pain Medicine Issued September 19, 2015 / Expires December 31, 2025

MEDICAL EXAMINATION

American Board of Anesthesiology, Pain Medicine, Pass, first attempt 9/2015

American Board of Anesthesiology, Part 2, Pass, first attempt 3/2015

American Board of Anesthesiology, Part 1, Pass, first attempt 7/2014

USMLE Step 3, Pass, first attempt 8/2010

USMLE Step 2 CS, Pass, first attempt	1/2010
USMLE Step 2 CK, Pass, first attempt	9/2009
USMLE Step 1, Pass, first attempt	6/2008

PROFESSIONAL EXPERIENCE

Florida Pain Institute

Interventional Pain Management Specialist

Medical Director

Brevard County, FL

July 2015–Present

July 2016–Present

- Provide comprehensive pain management care for common and complex chronic and acute pain conditions through medication management as well as fluoroscopic-, ultrasound-, and computed tomography-guided interventional procedures.
- Interventional procedures include: epidural steroid injections, radiofrequency ablation, sympathetic blocks, peripheral nerve blocks and nerve catheters, joint injections, intrathecal drug delivery system trial and implantation, spinal cord stimulation trial and implantation, dorsal root ganglion stimulation trial and implantation, minimally invasive indirect lumbar decompression (Superion and MILD), intradiscal procedures, percutaneous discectomy, and vertebral augmentation.
- Principle Investigator for multiple research studies including TARGET and DELIVERY studies.

Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General Hospital

Staff Anesthesiologist Moonlighter

Boston, MA

September 2014–June 2015

- Provide anesthesia services for a variety of complex operating room surgical procedures

Veterans Administration Boston Healthcare System, West Roxbury Campus

Staff Anesthesiologist

West Roxbury, MA

October 2014–June 2015

- Provide anesthesia services for operating room cases; Oversee and supervise CRNAs
- Respond to airway emergencies as in-house Anesthesiologist

Anesthesiology Policy Research Rotation in Political Affairs, Advocacy Division, American Society of Anesthesiologists

Resident Scholar

Washington, DC

March 2014

- Assist in day-to-day activities in ASA's Office of Governmental and Legal Affairs
- Schedule and actively participate in lobby events including meetings with U.S. Congressmen to discuss health policy related to the practice of anesthesiology
- Create specific research projects and explore and report on new law and policy changes affecting the profession of anesthesiology
- Illinois Society of Anesthesiologists Resident Representative to ASA Legislative Conference 2014

Psychomotor Performance Lab, University of Chicago Medical Center

Staff Physician

Chicago IL

September 2012 – June 2013

- Perform History and Physicals, Prepare subjects for psychomotor testing, Administer investigational study drugs

Abel Lab, Department of Biology, University of Pennsylvania

Lab Assistant

Philadelphia, PA

August 2003 – October 2005

- Research the developmental and neuroanatomical etiology for cognitive dysfunction in schizophrenia using a murine model. Management of lab animals including breeding and genotyping. Perform and analyze behavioral tests.

PROFESSIONAL LEADERSHIP

Surgery Partners

Brevard County, FL

Medical Advisory Committee Member and Medical Director of the Space Coast Pod

July 2016-Present

- Serve as liaison between Surgery Partners Corporate and Florida Pain Institute Clinicians
- Serve as Medical Advisory Committee Member to address new and ongoing issues related to patient care such as Opioid Risk Stratification, Urine Toxicology guidelines, Practice Guidelines
- Assist with web-based and in-person marketing efforts and website development for Space Coast

Abbott Laboratories

Austin, TX

Consultant

January 2018-Present

- Neuromodulation consultant regarding application of Spinal Cord Stimulation, Dorsal Root Ganglion Stimulation, and Radiofrequency Ablation
- Lecturer for Neuromodulation applications and techniques
- Proctor Spinal Cord Stimulation Cadaver labs and teach other pain physicians SCS techniques
- Selected as one of twelve Inaugural EMERGE Program participants after being identified as an emerging leader in the field of Neuromodulation

Smart Implant Systems

Minneapolis, MN

Consultant

February 2018-Present

- Neuromodulation consultant for the development of implantable therapies to treat chronic pain

Department of Anesthesia and Critical Care, University of Chicago Medical Center

Chicago, IL

Chief Resident

February 2013-June 2014

- Serve as faculty-resident liaison, Organize CA-1 orientation, Create and Maintain call schedules, Facilitate policies and curriculum in conjunction with department leadership, Organize didactic conferences, Mentor residents, Assist with Recruitment, Serve as Education Committee Member

Society for Ambulatory Anesthesia (SAMBA)

Park Ridge, IL

Resident Section Chair (2013-2014) and Chair-Elect (2012-2013)

May 2012 – April 2014

Committee on Education, Member

Committee on Communications, Member

Committee on Membership, Member

- Plan, Coordinate, Moderate, and Expand Webinar Series
- Develop and Implement Annual Meeting Resident Program: PBLDs, Mock Oral Boards, and Ultrasound Workshops
- Oversee Mentorship Program
- Newsletter Contributor

27th Annual Challenges for Clinicians Conference, Department of Anesthesia and Critical Care, University of Chicago

Chicago, IL

Ultrasound Workshop Instructor

December 2013

- Demonstrate and teach sonoanatomy related to peripheral nerve intervention and blockade

Graduate Medical Education Committee, University of Chicago Medical Center

Chicago, IL

Resident Member

August 2012 – August 2013

Graduate Medical Education Committee, Resurrection Medical Center

Chicago, IL

Resident Member

July 2010 – June 2011

Penn Alumni Interview Program, University of Pennsylvania

Philadelphia, PA

Admissions Interviewer for the City of Chicago, Greater Chicago Area, City of Boston

October 2011 - present

HONORS AND AWARDS

EMERGE Program for Emerging Key Opinion Leaders in Neuromodulation

USA

<i>Participant</i>	<i>January-June 2018</i>
Dorsal Root Ganglion Inaugural Training Class <i>Member</i>	Dallas, TX <i>May 2016</i>
Resident of the Year, Department of Anesthesia and Critical Care, University of Chicago <i>Recipient</i>	Chicago, IL <i>June 2014</i>
Arnold P. Gold Foundation Humanism and Excellence in Teaching Award <i>Recipient</i>	Chicago, IL <i>April 2011</i>
Outstanding Service Award, Georgetown University School of Medicine <i>Recipient</i>	Washington, DC <i>May 2009</i>
<i>Cura Personalis</i> Professionalism Award, Georgetown University School of Medicine <i>Award Finalist</i>	Washington, DC <i>March 2007</i>
Sprankle Scholarship, Georgetown University School of Medicine <i>Recipient</i>	Washington, DC <i>January 2007</i>
Honors Thesis, Distinction in Biology, University of Pennsylvania <i>Recipient</i>	Philadelphia, PA <i>May 2006</i>
Dean's List, University of Pennsylvania <i>Recipient</i>	Philadelphia, PA <i>May 2005</i>
Knights of Columbus Our Lady of Lourdes Award for Exemplifying Civic Virtue <i>Recipient</i>	Annandale, NJ <i>August 2003</i>

LECTURES AND PRESENTATIONS

Esposito, MF. (2018, May-June). Young Guns Panel: Ideas from New Physicians in Interventional Pain. Meeting Faculty Member, Pain 2018: West Virginia Society of Interventional Pain Physicians Annual Meeting: Miami Beach, FL.

Esposito, MF. (2018, April). Managing Pain in the Age of the Opioid Epidemic: New Technology to Treat Chronic Pain Without Opioids. Pain Management Continuing Medical Education Lecture at Holmes Regional Medical Center: Melbourne, FL.

Burgher A, Kosek P, Surret S, Rosen S, Bromberg T, Gulve A, Eldabe S, Kansal A, Wu P, Udeshi A, **Esposito MF**, Shah A, Subbaroyan J. (2018, April). *Spinal Cord Stimulation at 10 kHz for the Treatment of Chronic Pain of the Upper Extremities: Results of a Prospective, Multicenter, Post-Market, Observational Study.* Poster Presented at: American Society of Regional Anesthesia and Pain Medicine World Congress Meeting: New York, NY.

Esposito MF. (2018, February). A New Treatment Option for Lumbar Spinal Stenosis. Dinner Presentation at Space Coast Clinicians Meeting: Melbourne, FL.

Esposito MF. (2018, February). Dorsal Root Ganglion Stimulation. Dinner Presentation at Brevard County Podiatric Association Meeting: Melbourne, FL.

Esposito MF. (2017, August). Dorsal Root Ganglion Stimulation. Dinner Presentation at Space Coast Clinicians Meeting: Melbourne, FL.

Esposito MF. (2016, March). Opioid Epidemic and Alternate Treatments for Chronic Pain. Dinner Presentation: Palm Bay, FL.

Esposito MF, Carqueville C, Cohn S, Blood A. (2014, October). *Are Pre and Post-Exams an Acceptable Metric for Assessing the Educational Efficacy of a Regional Anesthesia Weeklong Course?* Poster Presented at: American Society of Anesthesiologists Annual Meeting: New Orleans, LA.

Asher S, **Esposito MF**, Xie J. (2014, April). *Dexmedetomidine Use for Procedural Sedation During PEG Tube Placement in Patient with Amyotrophic Lateral Sclerosis*, Poster Presented at: Society for Ambulatory Anesthesia Annual Meeting: Baltimore, MD.

Topics in Chronic Pain, Session Moderator: Midwest Anesthesia Residents Conference 2014: Chicago, IL.

Moss J, Tung A, **Esposito MF**, Qureshi O. (2013, December). *Methylnaltrexone Restores GI Motility in a Cardiac Surgery Patient*, Poster Presented at: 67th Post Graduate Assembly: New York, NY.

Esposito MF, Anitescu M. (2013, May). *Lumbar Sympathetic Block Successfully Treats Chemotherapy Induced Bilateral Lower Extremity Neuropathic Pain in a Patient with Multiple Myeloma*, Poster Presented at: American Society of Regional Anesthesia and Pain Medicine Annual Meeting: Boston, MA.

Esposito MF, Scavone B. (2012, October). *Management of Labor and Delivery in a Parturient with COPD*, Poster Presented at: American Society of Anesthesiologists Annual Meeting: Washington, DC.

Esposito MF, Small S. (2012, October). *Combined Glidescope and Fiberoptic Scope Technique in Intraoperative Emergency Airway Management in Patient Undergoing LeFort I Procedure*. Poster Presented at: American Society of Anesthesiologist Annual Meeting: Washington, DC.

Esposito MF, Gupta A. (2012, May). *Dexmedetomidine-Ketamine for Offsite Ambulatory Procedural Sedation of a Patient with Morbid Obesity and Myasthenia Gravis*. Poster Presented at: Society for Ambulatory Anesthesia Annual Meeting: Miami, FL.

Esposito MF, Scavone B. (2012, March). *COPD in Pregnancy*, Oral Presentation at: Midwest Anesthesia Residents Conference: Chicago, IL.

Esposito MF, Small S. (2012, March). *Combined Glidescope and Fiberoptic Scope Technique in Intraoperative Emergency Airway Management in Patient Undergoing LeFort I Procedure*. Oral Presentation at: Midwest Anesthesia Residents Conference: Chicago, IL.

Esposito MF, Kelly MP, Abel T. (2005, November). *Dissociation of neuroanatomical abnormalities from cognitive deficits associated with schizophrenia in transgenic mice overexpressing G alpha s*. Poster presented at: Society for Neuroscience Annual Meeting; Washington, DC.

Kelly MP, **Esposito MF**, Tokarczyk J, Siegel SJ, Kanes SJ, Abel T. (2005, November). *Overexpression of G alpha s in mice leads to biochemical, structural, and cognitive deficits associated with schizophrenia and Tourette's syndrome*. Poster presented at: Society for Neuroscience Annual Meeting; Washington, DC.

Kelly MP, **Esposito MF**, Tokarczyk J, Siegel SJ, Kanes SJ, Abel T. (2005, December). *Constitutive activation of the G-protein subunit G alpha s causes behavioral and biochemical deficits due to a PKA-dependent upregulation of PDE activity*. Poster presented at: American College of Neuropsychopharmacology Annual Meeting; Waikoloa, HI.

PUBLICATIONS

Kelly MP, Stein JM, Vecsey CG, Favilla C, Yang X, Bizily SF, **Esposito MF**, Wand G, Kanes SJ, Abel T. Developmental etiology for cognitive dysfunction in mice overexpressing G α s, a G-protein subunit genetically linked to schizophrenia. *Molecular Psychiatry*. 2009 Apr; 14(4): 398-415. Cited in PubMed; PMID: 19030002.

Kelly MP, Isiegas C, Cheung YF, Tokarczyk J, Yang X, **Esposito MF**, Rapoport DA, Fabian SA, Siegel SJ, Wand G, Houslay MD, Kanes SJ, Abel T. Constitutive Activation of G α s within Forebrain Neurons Causes Deficits in Sensorimotor Gating Because of PKA-Dependent Decreases in cAMP. *Neuropsychopharmacology*. 2007 Mar; 32(3): 577-88. Cited in PubMed; PMID: 16738544.

Esposito MF, Becker B, Rao S. CMS Interim Final Ruling Needlessly Jeopardizes Health Care Access of Needy Newborns. *ACU Policy Brief*. 2007 June 1.

Esposito MF. Ethical Implications of Pharmacological Enhancement of Mood and Cognition. *Penn Bioethics Journal*. 2005 April 4.

PROFESSIONAL SOCIETY MEMBERSHIPS

American Academy of Pain Medicine

American Society of Anesthesiologists/Florida Society of Anesthesiologists

American Society of Interventional Pain Physicians

American Society of Regional Anesthesia and Pain Medicine

North American Neuromodulation Society