

Maryam Jowza
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Education:

08/2010 – 08/2011 Fellow in Pain Medicine, Massachusetts General Hospital, Harvard Medical School, Boston, MA

08/2007 – 08/2010 Resident in Anesthesiology, Massachusetts General Hospital, Harvard Medical School, Boston, MA

07/2006 – 06/2007 Intern in Preliminary Medicine, Albert Einstein Medical Center, Philadelphia, PA

08/2002 - 05/2006 M.D. UMDNJ Robert Wood Johnson Medical School, Piscataway, NJ

08/1997 - 05/2001 B.A. Chemistry, Bard College, Annandale, NY

Certification:

04/2011 Board Certified in Anesthesiology: 47182

08/2012 Board Certified in Pain Medicine: 47182

Other Certification:

2015 Leadership in Academic Medicine Program, Weill Cornell Medical College, NY

2014 The International Structural Acupuncture Course for Physicians. Harvard Medical School. Boston, MA. Course Date: 09/2013- 06/2014

Licensure:

NC Active License: 2015-0400
DEA: FJ1924299

NY Medical Acupuncture License- Inactive
NY Inactive License
MA Inactive License

Professional Experience:

10/2015- Current Assistant Professor in Anesthesiology, University of North Carolina

Chapel Hill

- 09/2013- 06/2015 Assistant Professor in Anesthesiology and Pain Medicine, Weill Cornell Medical College, New York Presbyterian Hospital
- 09/2011- 08/2013 Instructor in Anesthesiology and Pain Medicine, Weill Cornell Medical College, New York Presbyterian Hospital, New York, NY
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Honors:

- June 2018 UNC Department of Anesthesiology Residency Education Faculty Honor Roll
- June 2017 UNC Department of Anesthesiology Resident Education Faculty Honor Roll
- April 2007 Partners In Excellence Award, Massachusetts General Hospital, Hospital-wide selection, recognition for clinical excellence
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Bibliography:

Book Chapters:

- 2013 Jowza M, Nagpal G, Viscomi CM, Rathmell JP. Pain in Pregnancy. In: Chin ML, Fillingim RL, Ness TJ. Pain in Women. Oxford University Press, New York, 2013, pp. 122-134.
- 2010 Jowza M, Minehart RD, Local Anesthetics. In Clinical Anesthesia Procedures of the Massachusetts General Hospital, Eighth Edition. Levine ed, Wolters-Kluwer. 2010

Refereed Papers:

- 2018 Du E, Farzal Z, Stephenson E, Tanner A, Adams K, Farquhar D, Weissler M, Patel S, Blumberg J, Jowza M, Hackman T, Zanation A. Multimodal Analgesia Protocol after Head and Neck Surgery: Effect on Opioid Use and Pain Control. Otolaryngol Head Neck Surg. 2019 Apr 9; doi: 10.1177/0194599819841885
- 2018 D. James and M. Jowza. Treating opioid dependence: Pain Medicine Physiology of tolerance and addiction. Clin Obstet Gynecol. 2019 Mar;62(1):87-97. doi: 10.1097/GRF.0000000000000422.

- 2018 M. Jowza. Neck and Back Pain. Anesthesia Education. Toolbox: <https://collectedmed.com>.
- 2017 M. Jowza. Clinical Application of Medications PBLD. Anesthesia Education. Toolbox: <https://collectedmed.com>.
- 2017 D. James, M. Jowza. "Pain in Burn Patients." Clin Plast Surg. 2017 Oct; 44(4):737-747. doi: 10.1016/j.cps.2017.05.005..
- 2016 M. Jowza. Local Anesthetic PBLD. Anesthesia Education. Toolbox: <https://collectedmed.com>.
- 2015 Guillory, M Jowza, MC Reid. Piloting a Text Message-Based Social Support Intervention for Patients with Chronic Pain. Clin J Pain. 2015 Jan 6
- 2009 Jowza M, Alston T. Literature Review: Nitrous Oxide and Perioperative Cardiac Morbidity (ENIGMA-II) Trial: Rationale and Design. Society of Cardiovascular Anesthesia Newsletter (www.scahq.com) June2009; 8 (4)
- 2009 Jowza M, Alston T. Literature Review: Stress Doses of Hydrocortisone in HighRisk Patients Undergoing Cardiac Surgery: Effects on Interleukin-6 to Interleukin-10 Ratio and Early Outcomes. Society of Cardiovascular Anesthesia Newsletter (www.scahq.com) June 2009, 8(3)
- 2005 Jowza, M; Sattar, S; Olson R. Modeling Chlorite-Iodide Reaction Dynamics Using a Chlorine Dioxide-Iodide Reaction Mechanism J. Phys. Chem. A.; Feb 2005; 109(9); 1873-1878

Refereed Presentations:

- 2018 Khatri N, Jowza M. Identifying Implicit Bias of Pain Management Physicians Towards Certain Pain Conditions. American Society of Regional Anesthesia Annual Pain Medicine Meeting 2018. San Antonio, Tx. November 16, 2018.
- 2018 Bowling B, JowzaM. Clinical Presentation of Arachnoiditis Following Spinal Cord Stimulator. Pain Society of the Carolinas Annual Meeting 2018. Greenville, SC. 9/29/2018
- 2018 Tillson C, Sylvester L, **Jowza M**. Persistent Genital Arousal Syndrome: A referral to Pain Specialist? Pain Society of the Carolinas Annual Meeting 2018. Greenville, SC. 9/29/2018
- 2018 Eugenie Du, MD, Zainab Farzal, MD, Elizabeth D. Stephenson, BA, April M. Tanner, MD, Katherine N. Adams, BS, Douglas R. Farquhar, MD, MPH, Bhishamjit S. Chera, MD, Mark C. Weissler, MD, **Maryam Jowza, MD**, Samip N. Patel, MD, Jeffrey Blumberg, MD, Trevor G. Hackman, MD, Adam M.

- Zanation, MD. Postoperative Analgesic Requirement and Pain Perceptions after Minor Head and Neck Surgery. Triological Society 121st Annual Meeting 2018. April 22, 2018. National Harbor, MD
- 2017 C. Mokesky, M.Jowza. Mishaps in Anticoagulation with Indwelling Epidural. Pain Society of the Carolinas Annual Meeting 2017. Charleston, SC. 9/23/2017
- 2017 AR Reddy, M. Jowza. Slipped Rib Syndrome. ASRA 2017. Orlando, FL 11/16/2017
- 2017 KR. Schott,, D James, M Jowza, J Wang, SA Reddy, J Park, Improving Nursing Knowledge Regarding Epidural Catheter Care. American Society of Anesthesiology Annual Meeting 2017. Boston MA 10/22/2017
- 2016 A. Reddy and M. Jowza. "Spinal cord Ischemia in setting of Indwelling Epidural Catheter. Abstract and Presentation at ASRA 2016. San Diego,CA 11/19/217
- 2016 P. Pessantes and M. Jowza. "Malignant Hyperthermia Masked by Alcohol Withdrawal?" Medically Challenging Case Presentation. ASA 2016. Chicago, IL. 10/24/2016.
- 2015 Vikram Bhasin and Maryam Jowza. Two Cases of Cutaneous CSF Leak After CSE Treated with Conservative Management. ASRA May 2015. Las Vegas, NV 5/24/2015
- 2014 Gunisha Kaur and Maryam Jowza. Chronic Pain in Survivors of Torture. Poster at Post Graduate Assembly. Dec 2014. New York, NY 12/13/2014

Novel Forms of Scholarship:

Simulation Scenarios for Multidisciplinary Pain Fellowship Education Simulation Series:

Jowza M.. Suicidal Cancer Pain Patient. University of North Carolina. 2016.

Jowza M. Narcissistic Patient with a Complication. . University of North Carolina. 2016

James D, Jowza M. Sexually Inappropriate Patient. . University of North Carolina. 2016

Jowza M. Stellate High Spinal. University of North Carolina. 2015

Jowza M. Intercostal Block Pneumothorax. University of North Carolina. 2015

James D, Jowza M. Belligerent Patient: To Injection or not to inject? University of North Carolina. 2015

Clinical Teaching:**Course Director:**

At UNC:

Anesthesia 409 Medical Student Course. November 2018- Current

Acute Pain Rotation. UNC Dept of Anesthesia 2016- Current

Chronic Pain Rotation. UNC Dept of Anesthesia 2017- Current

Liason for Chronic Pain Elective for the UNC Dept of Psychiatry. 2017- Current

Outside UNC:

Course Director for CME Course Multidisciplinary Evaluation and Management of Spine Pain. Course designed to provide an overview of spine care for primary care providers. May 2014

Chronic Pain Service. Weill Cornell Medical College Dept of Anesthesia. 2013-2015

Lectures:

To Fellows:

“Introduction to interventional procedures cervical and thoracic region.” July 24, 2018

“Opioids History of Abuse” 2018

“Pharmacology: Opioids, non-opioids, Interventional Pain agents” 2015- 2018

“Anatomy, physiology, and pharmacology of pain transmission and modulation” 2016, 12/23/2016

“Pain of spinal origin including radicular pain, zygapophysial joint disease and discogenic pain” 2017

“Anticonvulsants, NSAIDs and antipyretic” 2017

“Neuropathic Pain Medications: Board Review” 2015, Dec 13, 2016, Dec 17, 2017, October 23, 2018

To residents:

“Inpatient Acute Pain Management—a primer for surgeons.” Aug 1, 2018

Introduction to interventional procedures cervical and thoracic region.” July 24, 2018

“Opioids History of Abuse” 2018

“Pharmacology: Opioids, non-opioids, Interventional Pain agents” 2015- 2018

“Anatomy, physiology, and pharmacology of pain transmission and modulation” 2016,
12/23/2016

“Pain of spinal origin including radicular pain, zygapophysial joint disease and discogenic pain”
2017

“Anticonvulsants, NSAIDs and antipyretic” 2017

“Neuropathic Pain Medications: Board Review” 2015, Dec 13, 2016, Dec 17, 2017, October 23,
2018

To medical students:

Introduction to interventional procedures cervical and thoracic region.” July 24, 2018

“Opioids History of Abuse” 2018

“Pharmacology: Opioids, non-opioids, Interventional Pain agents” 2015- 2018

“Anatomy, physiology, and pharmacology of pain transmission and modulation” 2016,
12/23/2016

“Pain of spinal origin including radicular pain, zygapophysial joint disease and discogenic pain”
2017

“Anticonvulsants, NSAIDs and antipyretic” 2017

“Neuropathic Pain Medications: Board Review” 2015, Dec 13, 2016, Dec 17, 2017, October 23,
2018

Patient Centered Care Group Speaker. “Opioid case studies.” UNC SOM. 8/8/2017

Anesthesia Boot-camp:

“Acute Pain Management” 4/2017, 3/2018

“Multimodal Analgesia” 4/2017, 3/2018

Grand Rounds At

UNC:

Department of Anesthesiology Grand Rounds. UNC Chapel Hill. “Medical Marijuana Pros and
Cons.” 3/14/2018

Department of ENT Grand Rounds. UNC Chapel Hill. "Opioids in Acute Pain." 3/15/2017

Department Internal Medicine Grand Rounds. UNC Chapel Hill. "Opioid use and misuse."
2/16/2017

Department of Anesthesiology Grand Rounds. UNC Chapel Hill. "Analgesia First? The Rise and Fall of Preemptive Analgesia." 2/1/2017

Outside UNC:

Weill Cornell Department of Anesthesia Grand Rounds. "Acute Pain Management in Opioid Tolerant Patient." 5/12/2014

Department of Geriatrics and Palliative Care Grand Rounds, Weill Cornell Medical College: "Interventional Options for Cancer Pain Management" 2/13/2012

Continuing Education Lecture

Mountain Area Health Education Center. 10th Annual Coping with Cancer conference: Cancer Pain Management During the Opioid Epidemic. "Interventions in Cancer Pain." 10/27/2018

Pain addiction and the Law Conference. "Medical Marijuana: Pro Con Debate." 3/24/2018

10th Annual Duke-Wake Forest Pediatric Anesthesiology Conference. "PBLD: My Next Patient Is On Opioids: The good, The bad, The ugly." 9/23/2017

Department of Nursing at UNC Chapel Hill. Adult Pain Resource Nurse Course. "Opioid, Controversy, Conversion, etc." 12/15/2016

Department of Nursing at UNC Chapel Hill. Adult Pain Resource Nurse Course. "Cancer Pain." 12/15/2016

Multidisciplinary Evaluation and Treatment of Pain. CME Conference. "Pain of Spinal Origin." 5/2014

Pain Management Symposium. Weill Cornell Medical College. "Cancer Pain Management" 12/10/2013

Professional Service

2018- current Associate Program Director, UNC Pain Management Fellowship

2018- current Member of Residency Interviewing committee

2018- current Program Evaluation Committee: discusses the current state as well the future direction of our residency

2017- current Peer Reviewer: The Toolbox Project

2016- current Invited member for the committee for pain fellowship curriculum development,
The Toolbox Project.

2016 - current Fellowship Interview Committee

2016 - current Expert Reviewer: North Carolina Medical Board

2014- current Peer Reviewer: Pain Practice

2014-2015 Fellowship Site Director, Pain Fellowship. New York Presbyterian Site
of the Weill Cornell Tri-institutional Pain Fellowship.

2014-2016 Steering Committee Member for the Acute Pain Curriculum. The
Anesthesia Toolbox Project.

Professional Societies:

American Society of Anesthesiology

NC Society of Anesthesiologist

Society for Education in Anesthesia

American Society of Regional Anesthesia and Pain Medicine
