



PERSONAL INFORMATION

Name: Maryam Jowza

Work Address: N2198 UNC Hospitals, CB#7010, Chapel Hill, North Carolina 27599-7010

EDUCATION

POST GRADUATE

08/2010 – 08/2011	Massachusetts General Hospital Fellowship Boston, MA Department of Anesthesiology Chair: Janine Weiner Kronish, MD Director: Gary Brenner, MD	Pain Management
08/2007 – 08/2010	Massachusetts General Hospital Boston, MA Department of Anesthesiology Chair: Warren Zapol, MD Director: Keith Baker, MD	Anesthesiology Residency
06/2006 – 07/2007 Medicine	Albert Einstein Medical Center Philadelphia, PA Department of Medicine Chair: Victor Navarro, MD Director: Glenn Eiger, MD	Intern in Preliminary

GRADUATE

08/2002 - 05/2006	Rutgers- Robert Wood Johnson Medical School Doctor of Medicine New Brunswick, NJ
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UNDERGRADUATE

08/1997- 06/2001	Bard College Annandale-on-Hudson, NY	Bachelor of Science, Chemistry
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CERTIFICATIONS/LISENSURE

Specialty Certification	American Board of Anesthesiology Pain Management	valid through 12/2032 valid through 12/2032
Medical Licensure	North Carolina Medical Board	valid through 11/2024

PROFESSIONAL EXPERIENCE

02/2021- current	Associate Professor Pain Management Division	University of North Carolina Department of Anesthesiology
10/2015- 02/2021	Assistant Professor Pain Management Division	University of North Carolina Department of Anesthesiology
09/2013-06/2015	Assistant Professor Pain Management Division	Weil Cornell Medical College Department of Anesthesiology
09/2011-06/2013	Instructor Pain Management Division	Weil Cornell Medical College Department of Anesthesiology

HONORS

04/2024	2024 UNC Hospitals & UNCFP Award for Carolina Care Excellence
06/2022	UNC Department of Anesthesiology Residency Education Faculty Honor Roll
09/2018	First Place Award for Poster Presentation, North Carolina Society of Anesthesiology, Greenville, NC. B Bowling, M Jowza. Clinical Presentation of Arachnoiditis Following Spinal Cord Stimulator. Pain Society of the Carolinas Annual Meeting 2018. Greenville, SC. 9/29/2018
05/2018	UNC Department of Anesthesiology Residency Education Faculty Honor Roll
05/2017	UNC Department of Anesthesiology Resident Education Faculty Honor Roll
04/2007	Partners in Excellence Award, Massachusetts General Hospital, Hospital-wide selection, recognition for clinical excellence

BIBLIOGRAPHY AND PRODUCTS OF SCHOLARSHIP BOOK

CHAPTERS:

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.

Jowza M, Minehart RD, Local Anesthetics. In Clinical Anesthesia Procedures of the Massachusetts General Hospital, Eighth Edition. Levine ed, Wolters-Kluwer, Philadelphia, 2010, pp. 208-216

Prem A, **Jowza M**, James D. Skeletal Muscle Relaxants, Antidepressants, Antiepileptics, and Gabapentinoids. In Kaye and Urman, Acute Pain Management Essentials: An Interdisciplinary Approach. Wolters-Kluwer, Philadelphia, 2022.

James D, **Jowza M**. Ilioinguinal and Iliohypogastric Nerves Interventions. In: Souza D, Kohan L, Narouze S. Bedside Pain Interventions. Springer Nature, 2022. 7 Pages.

BOOKS/CHAPTERS: IN PRESS/SUBMITTED

James D, **Jowza M**. Hormones and Antibodies. In Adb-Elsayed Basic Anesthesia Review. Oxford University Press. 4 Pages. Submitted 08/31/2020.

Jowza M, James D. Neurological Disorders. In Adb-Elsayed Advanced Anesthesia Review. Oxford University Press. 4 Pages. Submitted 07/30/2020.

James D, **Jowza M**. Epilepsy and Anesthesia. In Adb-Elsayed Advanced Anesthesia Review. Oxford University Press. 4 Pages. Submitted 05/25/2020.

REFEREED (PEER – REVIEWED) PUBLISHED PRODUCTS OF SCHOLARSHIP

O Dave, **M Jowza**. Transdermal Buprenorphine: An Alternative Approach to Chronic Abdominal Pain Syndrome. *Pain Medicine Case Reports*. 2023;7 389-392

A Cook, S Ghanavatian, **M Jowza**. Spontaneous Spread of Limb Complex Regional Pain Syndrome to the Ipsilateral Face With Ultimate Corneal Abrasion: A Case Report. *A A Pract*. 2020;14(10):e01301. doi:10.1213/XAA.0000000000001301

E Stephenson, Z Farzal, **M Jowza**, T Hackman, A Zonation, E Du. Postoperative Analgesic Requirement and Pain Perceptions after Nonaerodigestive Head and Neck Surgery. *Otolaryngol Head Neck Surg*. 2019 Dec;161(6):970-977. doi: 10.1177/019459981987169

E Du, Z Farzal, E Stephenson, A Tanner, K Adams, D Farquhar, M Weissler, S Patel, J Blumberg, **M Jowza**, T Hackman, A Zonation. 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

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.

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

J Guillory, **M Jowza**, MC Reid. Piloting a Text Message-Based Social Support Intervention for Patients with Chronic Pain. *Clin J Pain.* 2015 Jun;31(6) 548-56 doi: 10.1097/AJP.0000000000000193

M Jowza; S Sattar; R Olson. Modeling Chlorite-Iodide Reaction Dynamics Using a Chlorine Dioxide-Iodide Reaction Mechanism *J. Phys. Chem. A.*; Feb 2005; 109(9); 1873-1878 PMID: 16833519

REFEREED(PEER-REVIEWED) OTHER PRODUCTS OF SCHOLARSHIP:

M Jowza. Neck and Back Pain. Anesthesia Education. Toolbox:
<https://www.anesthesiatoolbox.com/docs/DOC-3371> Published 2/12/2018

M Jowza. Clinical Application of Medications PBLD. Anesthesia Education. Toolbox:
<https://www.anesthesiatoolbox.com/docs/DOC-2789>. Published 7/31/2017

M Jowza. Local Anesthetic PBLD. Anesthesia Education. Toolbox:
<https://www.anesthesiatoolbox.com/docs/DOC-3195> Published 12/19/2017

INVITED BUT NOT PEER-REVIEWED PRODUCTS OF SCHOLARSHIP:

M Jowza, Alston T. Literature Review: Nitrous Oxide and Perioperative Cardiac Morbidity (ENIGMA-II) Trial: Rationale and Design. Society of Cardiovascular Anesthesia Newsletter (www.scahq.com) June 2009; 8 (4)

M Jowza, Alston T. Literature Review: Stress Doses of Hydrocortisone in High-Risk 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)

PRODUCTS OF INTERDISCIPLINARY SCHOLARSHIP

M Jowza, A Goetzinger, S Patidar. "Interdisciplinary Simulation Curriculum in Pain Management for Navigating Difficult Patient Encounters." Society of Behavioral Medicine Annual Meeting. San Francisco, CA. (04/02/2020 Cancelled due to Pandemic) (Invited)

REFEREED UNPUBLISHED ORAL PRESENTATIONS/ABSTRACTS

Oral Presentations

Goetzinger A, James D, **Jowza M**. Preferences and Biases in Chronic Pain Management – The Role of Pain Education in Academic Medicine. Poster presentation at the UNC Academy of Educators Evening of Scholarship. May 2024

L Delin, B Brown, T Pham, I Prabhu, **M Jowza**, D James. Enhancing Procedural Visit Efficiency Through Reduction of Documentation redundancy: A Quality Improvement Project. American Society of Regional Anesthesia. New Orleans November 10, 2023.

O Dave, **M Jowza**. Transdermal Buprenorphine in the Treatment of Chronic Abdominal Pain. American Society of Anesthesiology. San Francisco, CA. October 16, 2023

I Prabhu, MC Lupa, **M Jowza**. Quadratus Lumborum Blocks For Chronic Abdominal Pain. The International Symposium on Pediatric Pain 2023. Halifax, Nova Scotia October 3, 2023

A Goetzinger, **M Jowza**. Prevalence and Psychosocial Correlates of Chronic Pain in Adolescence. The International Symposium on Pediatric Pain 2023. Halifax, Nova Scotia October 3, 2023

A Bellotti, B Brown, **M Jowza**. A narrative report of procedural error causing genitofemoral neuralgia complicated by financial expenses and inability to work. NeupSIG 2023 International Congress on Neuropathic Pain. Lisbon, Portugal September 8, 2023.

M Jowza, James D, Goetzinger A. Preferences and Biases of U.S. Pain Management Physicians Towards Neuropathic Pain Conditions. Submitted to NeuPSIG 2023 International Congress on Neuropathic Pain. Lisbon, Portugal September 8, 2023.

Goetzinger AG, Chidgey B, **Jowza M**, Patidar SM, Margolies SO, Mauck. Moodiness, Insomnia, and Muscle/Joint Aches in Adolescence Predicts Prescription Opioid Abuse in Young Adulthood." Society of Behavioral Medicine. Phoenix, Arizona. April 27, 2023

E Costa, **M Jowza**. Delayed Hypersensitivity Reactions in Response to Long Term Pain Therapies. American Society of Regional Anesthesia Annual Pain Medicine Meeting. Orlando, Fla. November 17, 2022. (Solicited) E Costa, **M Jowza**. Delayed Cutaneous Immune Reaction to Local Anesthetics. Pain Society of the Carolinas Meeting. Asheville, NC. September 23, 2022 (Solicited)

Jowza M. Neuropathic Pain Treatment. National Chordoma Foundation Virtual Meeting. April 7, 2021 (Invited)

P Carter, **M Jowza**, Navigating Patient Encounters in the Opioid Epidemic: A Pilot Multidisciplinary Simulation Curriculum for Difficult Encounters" Society for Education in Anesthesia Spring Annual Meeting, Philadelphia, Pennsylvania May 9, 2020 (Solicited)

P Carter, N Khatri, **M Jowza**. Intrathecal Pumps and Lawsuits: What Do You Do When All Else Fails? North American Neuromodulation Society Annual Meeting 2020. Caesars Palace, Las Vegas. January 23, 2020 (Solicited)

A Cook, M Ranahan M, **M Jowza**. Corneal Complication of Complex Regional Pain Syndrome. Pain Society of the Carolinas Annual Meeting 2019. Charleston, SC. December 6, 2019 (Solicited)

N Khatri, **M Jowza**. 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 (Solicited)

B Bowling, **M Jowza**. Clinical Presentation of Arachnoiditis Following Spinal Cord Stimulator. Pain Society of the Carolinas Annual Meeting 2018. Greenville, SC. September 29, 2018 (Solicited)

C Tillson, L Sylvester, **M Jowza**. Persistent Genital Arousal Syndrome: A referral to Pain Specialist? Pain Society of the Carolinas Annual Meeting 2018. Greenville, SC. September 29, 2018 (Solicited)

E Du, MD, Z Farzal, MD, E Stephenson, A Tanner, K Adams, **M Jowza, MD**, S Patel, J Blumberg, A Zanation,

MD. Postoperative Analgesic Requirement and Pain Perceptions after Minor Head and Neck Surgery. Triological Society 121st Annual Meeting 2018. National Harbor, MD. April 22, 2018 (Solicited)

K 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 October 22, 2017 (Solicited)

A. Reddy and **M. Jowza**. "Spinal cord Ischemia in setting of Indwelling Epidural Catheter. Abstract and Presentation at American Society of Regional Anesthesiology Meeting 2016. San Diego, CA November 19, 2017 (Solicited)

Panels:

M. Jowza. Speaker and Panel Member. Interventions in Cancer Pain at the 10th Annual Coping with Cancer Conference: Cancer Pain Management During the Opioid Epidemic. Carolina Inn. Chapel Hill, NC October 27, 2018 (Invited)

M Jowza Host. Chronic Pain Panel at Post Graduate Assembly 68. New York, NY. December 14, 2014. (Invited)

Posters:

S Stookey, K Schott, **M Jowza**. Cluneal Nerve Stimulation for Cluneal Neuralgia. Pain Society of the Carolinas Annual Meeting 2019. Charleston, SC. December 06, 2019 (Solicited)

C Mokesky, **M Jowza**. Mishaps in Anticoagulation with Indwelling Epidural. Pain Society of the Carolinas Annual Meeting 2017. Charleston, SC. September 23, 2017 (Solicited)

AR Reddy, **M Jowza**. Slipped Rib Syndrome. American Society of Regional Anesthesiology Annual Meeting 2017. Orlando, FL November 16, 2017 (Solicited)

P. Pessantes and **M. Jowza**. "Malignant Hyperthermia Masked by Alcohol Withdrawal?" Medically Challenging Case Presentation. American Society of Anesthesiology Annual Meeting 2016. Chicago, IL. October 24, 2016 (Solicited)

V Bhasin and **M Jowza**. Two Cases of Cutaneous CSF Leak After CSE Treated with Conservative Management. American Society of Regional Anesthesiology Meeting. May 2015. Las Vegas, NV May 24, 2015 (Solicited)

G Kaur and **M Jowza**. Chronic Pain in Survivors of Torture. Poster at Post Graduate Assembly. Dec 2014. New York, NY December 13, 2014 (Solicited)

Problem Based Learning Discussions:

"PBLD: Perioperative management of patients on partial opioid agonist and antagonist therapy" 33rd Annual Carolina Refresher Course, Kiawah Island, SC June 15, 2022

"PBLD: MY Next Patient is on Opioids: The good, bad, and ugly" 10th Annual Duke-Wake Forest Pediatric Anesthesiology Conference. Friday Center, Chapel Hill, NC October 23, 2017 (Invited)

DIGITAL AND OTHER NOVEL FORMS OF SCHOLARSHIP

Department of Anesthesiology Multidisciplinary Pain Fellowship Education Series:

M Jowza. Suicidal Cancer Pain Patient. University of North Carolina. 5/09/2016
M Jowza. Narcissistic Patient with a Complication. University of North Carolina. 5/09/2016
D James, **M Jowza.** Sexually Inappropriate Patient. University of North Carolina. 5/9/2016
M Jowza. Stellate High Spinal. University of North Carolina. 11/02/2015
M Jowza. Intercostal Block Pneumothorax. University of North Carolina. 11/02/2015
D James D, **M Jowza.** Belligerent Patient: To Injection or not to inject? University of North Carolina. 11/02/2015

TEACHING ACTIVITIES

Course Director:

Course director	
8/2021- Current	School of Medicine, MD/PHD Longitudinal Advanced Clinical Selective (ACS 499)
11/22/2019- current	School of Medicine, Pain Management Elective (Anesthesia 409) for senior medical students.

Clinical Teaching

01/2019- current	Liaison for Chronic Pain elective for the UNC Department of Physical Medicine and Rehabilitation
01/2019- current	Liaison for Chronic Pain elective for the UNC Department of Palliative Care
01/2019- 2022	Liaison for Chronic Pain elective for the UNC Department of Neuroradiology
01/2017- current	Liaison for Chronic Pain elective for the UNC Department of Psychiatry
01/2017- 06/2020	Rotation director for Anesthesiology residents on the Acute Pain Service
01/2017- 2020	Rotation director for Anesthesiology residents on Chronic Pain Service
01/2017- 2020	Rotation director for Anesthesiology residents on Advanced Chronic Pain Elective

LECTURES

LECTURES TO MEDICAL STUDENTS:

University of North Carolina School of Medicine
To Medical Students

08/01/202, 09/04/2022 "Pain Procedures"

Monthly 05/26/2021 - current "Pain Management Basics"

04/29/2021	“Tools for Pain Control,” “High Yield Pain”
Monthly 12/2019 – 04/2020	“Introduction to Chronic Pain” University of North Carolina Spine and Imaging Center.
Monthly 12/2019 – 04/2020	“Treatment Options in Chronic Pain” University of North Carolina Spine and Imaging Center.
Monthly 12/2019 – 04/2020	“Basics of Opioids” University of North Carolina Spine and Imaging Center.
08/08/2017	“Opioid Case Studies” Patient Centered Care Group Speaker. University of North Carolina School of Medicine.
Annually 2017-2023	“Pain Management” Anesthesia Boot Camp Course University of North Carolina School of Medicine.
Annually 2017-2023	“Multimodal Analgesia” Anesthesia Boot Camp Course, University of North Carolina School of Medicine.

Joint lectures to residents and fellows:

Department of Anesthesiology, University of North Carolina

07/18/2023	“Procedural Imaging Basics for the Interventionist”
04/24/2023	“Procedure Complications, What do I do?”
11/29/2022	“Pharmacology for Pain Boards”
9/22/2022	“Interventional Spine Procedures –Lumbar Edition”
8/23/2022	“Cervical and Thoracic Procedures”
04/26/2022	“The link between obesity and pain.” Virtual Lecture
03/01/2022	“Anticonvulsants, Neuropathics, NSAIDS for Pain Boards” Virtual Lecture
08/18/2021	“Procedure Pitfalls”, Virtual Lecture
07/19/2021	“Fluoroscopy in Spine Procedures: Virtual Lecture
04/06/2021	“Pain Alphabet Soup: AED’s, NSAID, MISC”, Virtual Lecture
08/11/2020	“Imaging in Spine Procedures”
07/23/2019	“Introduction to Lumbar Procedures”
07/30/2019	“Introduction to Anatomy and Fluoroscopy for Cervical and Thoracic Procedures”
06/04/2019	“Intrathecal Pumps”
10/23/2018	“Pharmacology for Boards (USMLE, Anesthesiology and Pain)”
07/24/2018	“Introduction to interventional procedures cervical and thoracic region”

08/22/2017 "Opioids History of Abuse"

10/17/2017 "Anticonvulsants, NSAIDs and Antipyretics"

11/14/2017 "Pain of Spinal Origin Including Radicular Pain, Zygopophysial Joint Disease"

10/03/2017 "Anatomy, Physiology and Pharmacology of Pain Transmission & Modulation"

12/23/2016 "Ins and Outs of Pain Signaling"

12/13/2016 "Pharmacology of Neuropathic Agents Center"

05/12/2015 "Neuropathic Pain Medications: Board Review"

LECTURES TO RESIDENTS:

Department of Surgery, University of North Carolina

08/01/2018 "Pain and Anesthesia—Primer for Surgeons"

LECTURES TO HOSPITAL NURSING AND ANCILLARY STAFF

University of North Carolina Hospitals

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

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

GRAND ROUNDS (UNC):

2/2/2023 "Updates on Percutaneous Lumbar Decompression" Spine Center Multidisciplinary Conference.

01/12/2023 "Nerve Blocks for Cancer," Department of Palliative Care, UNC Chapel Hill

09/14/2022 "Non-Invasive Treatment for Lumbar Spinal Stenosis", Department of Physical Medicine and Rehabilitation. UNC, Chapel Hill.

06/08/2022 "An Update on Cannabis for pain," Dept of Anesthesiology, UNC, Chapel Hill

05/12/2022 "Pain Management in Diabetic Peripheral Neuropathy." Department of Medicine Grand Rounds. UNC Chapel Hill.

08/30/2021 "Interventional Cancer Pain Management." Palliative Care Grand Rounds. UNC Chapel Hill. Virtual Talk.

03/04/2021 "Minimally Invasive Lumbar Decompression" Spine Center Multidisciplinary Conference. Virtual Talk

03/14/2018 "Medical Marijuana Pros and Cons." Department of Anesthesiology. UNC Chapel Hill. Bondurant G100.

03/15/2017 "Opioids in Acute Pain." Department of Ear Nose and Throat. UNC Chapel Hill. Physician's Office Building.

02/16/2017 "Opioid Use and Misuse." Department Internal Medicine. UNC Chapel Hill. Old Clinic Auditorium.

02/01/2017 "Analgesia First? The Rise and Fall of Preemptive Analgesia." Department of Anesthesiology. UNC Chapel Hill. Bondurant G100.

GRAND ROUNDS (OUTSIDE UNC):

09/16/2020 "Tired, Fat and in Pain: The Link Between Obesity and Pain." Massachusetts General Hospital Multidisciplinary Pain Grand Rounds.

05/12/2014 "Acute Pain Management in Opioid Tolerant Patient." Weill Cornell Department of Anesthesia Grand Rounds.

02/13/2012 "Interventional Options for Cancer Pain Management" Department of Geriatrics and Palliative Care Grand Rounds, Weill Cornell Medical College: Continuing Education Lecture

CONTINUING EDUCATION LECTURES (OUTSIDE UNC):

09/15/2023 "Pain in Adolescents" Pain Society of the Carolinas. Greenville, NC

06/15/2022 "Cannabis for acute and chronic pain." Carolina Refresher Course. Kiawah, SC

12/04/2021 "Pro Con Debate: Opioids for Musculoskeletal Pain." Pain Society of the Carolinas. Charleston, SC

09/25/2021 "Complications in Interventional Pain: What do I do?" Midwest Pain Society. Chicago, IL.

04/02/2020 "Interdisciplinary Simulation Curriculum in Pain Management for Navigating Difficult Patient Encounters." Society of Behavioral Medicine Annual Meeting. San Francisco, CA.

10/27/2018	“Interventions in Cancer Pain.” 10 th Annual Coping with Cancer Conference: Cancer Pain Management During the Opioid Epidemic. Carolina Inn. Chapel Hill, NC
03/24/2018	“Medical Marijuana: Pro Con Debate” Pain addiction and the Law Conference. Friday Center. Chapel Hill, NC
05/24/2014	“Pain of Spinal Origin.” New York Presbyterian Multidisciplinary Evaluation and Treatment of Pain. CME Conference. Weil Cornell Medical Auditorium, New York, NY
12/10/2013	“Cancer Pain Management” Pain Management Symposium. Weill Cornell Medical College. Weill Cornell Conference Center, New York, NY

Attending on Clinical Service

Department of Anesthesiology, University of North Carolina

2015 – current	Attending physician for Inpatient Acute Pain Service
2015 – current	Attending physician for Inpatient Chronic Pain Service
2015 – current	Attending physician for Outpatient Pain Clinic

RESEARCH PROJECTS AND GRANTS

2022	Sequenced Strategy for Improving Outcomes in People with Knee Osteoarthritis Pain TRIAL Co-I.
2020	Boston Scientific Fellowship Educational Grant – Neuromodulation, Role: Co-Investigator, amount requested \$7, 000, 0% effort
2019	Boston Scientific Fellowship Educational Grant – Neuromodulation, Role: Co-Investigator, amount requested \$20, 000, 0% effort

PROFESSIONAL SERVICE

To Discipline:

2023- Current	Renewed Term on Food and Drug Administration (FDA) Advisory Committee for Analgesics and Anesthetics
02/2020- current	Peer Reviewer Trials
06/2019- 2023	Food and Drug Administration (FDA) Advisory Committee for Analgesics and Anesthetics
06/2017- 2020	Peer Reviewer: The Toolbox Project

06/2016- 06/2017	Steering committee for pain fellowship curriculum development, The Toolbox Project
04/2016 - current	Expert Reviewer: North Carolina Medical Board
02/2014-10/2015	Steering Committee Member for the Acute Pain Curriculum. The Anesthesia Toolbox Project
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07/2014- current	Peer Reviewer: Pain Practice Journal

Within University of North Carolina, Chapel Hill:

2018-current Associate Director of Pain Management Fellowship, UNC, Chapel Hill

UNC Department of Anesthesiology Committees

Committees

07/2018- current	Chair, Fellowship Clinical Competency Committee
07/2018- current	Program Evaluation Committee- Pain Fellowship
10/2018- current	Residency Interviewing Committee
5/2018- 5/2021	Program Evaluation Committee
05/2016- 2023	Fellowship Selection Committee

UNC Department of Anesthesiology: Other Administrative Activities

2015- current Semi-Annual Resident Mock Oral Examinations, Faculty Examiner
2015 - current OSCE evaluator

