

**Mark Bicket, M.D., Ph.D., FASA**  
**Assistant Professor**  
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## **Education and Training**

### **Education**

08/2002-05/2006	BA, Mathematics, summa cum laude, University of Oklahoma, Norman, Oklahoma
08/2002-05/2006	BA, Economics, summa cum laude, University of Oklahoma, Norman, Oklahoma
08/2006-06/2010	MD, Johns Hopkins University School of Medicine, Baltimore, Maryland
08/2015-05/2019	PhD, Johns Hopkins University School of Public Health, Baltimore, Maryland

### **PostDoctoral Training**

06/2010-06/2011	Internship, Internal Medicine, University of Maryland Medical System, Baltimore, Maryland
07/2011-06/2014	Residency, Anesthesiology, Johns Hopkins University School of Medicine, Baltimore, Maryland
07/2013-06/2014	Chief Resident, Anesthesiology, Johns Hopkins University School of Medicine, Baltimore, Maryland
07/2014-07/2015	Fellowship, Pain Medicine, Massachusetts General Hospital, Boston, Massachusetts
08/2015-08/2017	Postdoctoral Research Fellow, T32 Research Fellow in Anesthesiology and Critical Care Medicine, Johns Hopkins University School of Medicine, Baltimore, Maryland

## **Certification And Licensure**

### **Certification**

2015-2025	American Board of Anesthesiology - Anesthesiology
2015-2025	American Board of Anesthesiology - Pain Medicine

### **Licensure**

2014-2023	United States, DEA Registration
2020-2026	State of Michigan, Controlled Substance
2020-2026	State of Michigan, Medical License

## **Academic, Administrative, Clinical, Research and Military Appointments**

### **Academic Appointments**

08/2015-08/2019	Assistant Professor in Anesthesiology and Pain Medicine, Johns Hopkins University School of Medicine, Baltimore, Maryland
09/2020-present	Assistant Professor in Anesthesiology, University of Michigan School of Medicine, Ann Arbor, Michigan
05/2021-present	Assistant Professor in Health Policy and Management, University of Michigan School of Public Health, Ann Arbor, Michigan

### **Administrative Appointments**

08/2015-07/2016	Assistant Fellowship Program Director, Johns Hopkins University School of Medicine, Baltimore, Maryland
07/2016-08/2019	Fellowship Program Director, Pain Medicine, Johns Hopkins University School of Medicine, Baltimore, Maryland
01/2017-08/2019	Quality Assurance Director, Pain Medicine, Johns Hopkins University School of Medicine, Baltimore, Maryland
01/2017-08/2019	Core Faculty, Center for Drug Safety and Effectiveness, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland

09/2020-present	Co-Director, Opioid Prescribing Education Network (OPEN), University of Michigan, Ann Arbor, Michigan
03/2022-present	Director, Pain and Opioid Research, University of Michigan, Ann Arbor, Michigan
06/2022-present	Core Faculty, National Clinician Scholars Program, University of Michigan, Ann Arbor, MI

### **Clinical Appointments**

08/2015-08/2019	Attending Physician, Johns Hopkins Hospital, Baltimore, Maryland
07/2016-08/2019	Attending Physician, Johns Hopkins Bayview Medical Center, Baltimore, Maryland
09/2020-present	Attending Physician, University of Michigan Main Hospital, Ann Arbor, Michigan

### **Clinical Interests**

- Acute and Chronic Pain Medicine: quality and safety of pain medicine as practiced in multiple clinical settings, including (1) outpatient clinic, inpatient acute and chronic pain management, and cancer pain care settings; (2) regional anesthesia (single shot and catheter approaches; brachial plexus blockade, sciatic, femoral, and other peripheral nerve blocks; thoracic and lumbar epidurals; truncal blocks) and acute peri-operative pain management services involving opioid and non-opioid medications and infusions; and (3) anesthesia in the operating room, non-operating room, and procedural areas of the hospital and ambulatory surgical center.

### **Research Interests**

- Optimizing pain management for acute and chronic pain conditions: these investigations on pain treatments employ methods including clinical trials, health services, policy analysis, pharmacoepidemiology, and systematic review/meta-analysis.
- The role of opioid prescribing in the opioid crisis: using similar methods, these studies examine the quality and safety of prescription opioids used on an outpatient basis by patients after surgery or hospital discharge.
- Opioid use, misuse, and use disorder in acute and primary care settings: these investigations examine immediate and downstream safety consequences related to prescription opioids.

### **Grants**

#### **Current Grants**

*Michigan Opioid Prescribing Engagement Network (M-OPEN).* SubK-CMMS-DHHS-US through a consortium with MDHHS Chad Brummett(MPI);Jennifer Waljee(MPI);Mark Bicket(MPI);Michael Englesbe(MPI)  
10/2021-09/2022.

*Michigan Opioid IV.* Michigan Department of Health and Human Services  
Chad Brummett(MPI);Jennifer Waljee(MPI);Keith Kocher(MPI);Mark Bicket(MPI);Michael Englesbe(MPI)  
10/2022-09/2023.

*Michigan Opioid IV* SubK-SAMHSA-DHHS-US through a consortium with MDHHS  
Co-I with Effort (Principal Investigator: Brummett, Chad M; Englesbe, Michael J; Kocher, Keith E; Waljee, Jennifer F)  
10/2021-09/2022.

*Clinical Practice Guidelines for Postoperative Pain in Pregnancy: Evidence, Dissemination, and Impact:* FDA-DHHS-US  
Co-I with Effort (Principal Investigator: Waljee, Jennifer F; Moniz, Michelle)  
09/2022-08/2025.

*Opioid Data Dashboard Project.* SubK-CDCP-DHHS-US sourced funding through MDHHS  
MPI Chad Brummett(MPI);Jennifer Waljee(MPI);Mark Bicket(MPI);Michael Englesbe(MPI)  
10/2022-08/2023.

*R01DA049789: State Medical Cannabis Laws, Chronic Pain, and Opioids: A Mixed-Methods Approach* National Institutes of Health, National Institute on Drug Abuse  
Co-I with Effort (Principal Investigator: Beth McGinty)  
07/2020-04/2024.

*The CARES Trial: Comparing Analgesic Regimen Effectiveness and Safety after Surgery* Patient-Centered Outcomes Research Institute  
Bicket, Mark, PI  
03/2022-08/2025.

#### **Past Grants**

*Michigan Opioid Prescribing Engagement Network (M-OPEN)*. SubK-CMMS-DHHS-US through a consortium with MDHHS Englesbe, Michael J; Brummett, Chad M; Waljee, Jennifer F; Bicket, Mark C, Co-PI  
10/2021-09/2022.

*Michigan Opioid IV*. Michigan Department of Health and Human Services  
Brummett, Chad M; Waljee, Jennifer F; Englesbe, Mike; Bicket, Mark C, Co-PI  
10/2021-09/2022.

*Michigan Opioid IV* SubK-SAMHSA-DHHS-US through a consortium with MDHHS  
Co-I with Effort (Principal Investigator: Brummett, Chad M; Englesbe, Michael J; Kocher, Keith E; Waljee, Jennifer F)  
10/2021-09/2022.

*R01DA042859: oPIOIDS: Prevention of Iatrogenic Opioid Dependence after Surgery* National Institutes of Health, National Institute on Drug Abuse  
Co-I with Effort (Principal Investigator: Waljee, Jennifer F; Brummett, Chad M)  
09/2021-04/2022.

*Michigan Opioid IV* SAMHSA-DHHS-US through a consortium with MDHHS  
Co-I with Effort (Principal Investigator: Brummett, Chad Michael; Englesbe, Michael J; Waljee, Jennifer Filip) 10/2020-09/2021.

*E20213601-001: Michigan Opioid IV* SAMHSA-DHHS-US through a consortium with MDHHS  
Co-I with Effort (Principal Investigator: Chad Michael Brummett)  
10/2020-09/2021

*E20213445- 001: Michigan Opioid Prescribing Engagement Network III* SAMHSA-DHHS-US through a consortium with MDHHS  
Co-I with Effort (Principal Investigator: Brummett, Chad M)  
10/2020-09/2021.

*Michigan Opioid Prescribing Engagement Network III* SAMHSA-DHHS-US through a consortium with MDHHS  
Co-I with Effort (Principal Investigator: Brummett, Chad Michael; Englesbe, Michael J; Waljee, Jennifer Filip) 10/2020-09/2021.

*State Medical Cannabis Laws, Chronic Pain, and Opioids: A Mixed-Methods Approach* SubK-NIH-DHHS-US through a consortium with Johns Hopkins University  
Mark Bicket, PI  
07/2020-04/2021.

*Evaluating the Intended and Unintended Effects of Opioid Prescribing Cap Policies* Arnold Ventures Co-I with Effort (Principal Investigator: Beth McGinty)  
07/2019-07/2021.

*Johns Hopkins Multidisciplinary Pain Fellowship Program* Medtronic Unrestricted Educational Grant Bicket, PI  
07/2019-08/2019.

*Johns Hopkins Multidisciplinary Pain Fellowship Program* Boston Scientific Unrestricted Educational Grant Bicket, PI  
07/2019-08/2019.

*BHA19-013G: Substance Abuse Consultation/BHIPP-Maryland Addiction Consultation Service* Maryland Department of Mental Health and Mental Hygiene  
Other (Principal Investigator: Pruitt)  
09/2018-06/2019.

*Johns Hopkins Multidisciplinary Pain Fellowship Program* Medtronic Unrestricted Educational Grant Bicket, PI  
07/2018-06/2019.

*Consequences of non-optimal opioid prescribing after surgery* Foundation for Anesthesia Education and Research Bicket, PI  
01/2018-08/2019.

*R01DA044987: An Evaluation of State Laws Intended to Curb High-Risk Opioid Prescribing* National Institutes of Health, National Institute on Drug Abuse  
Co-I with Effort (Principal Investigator: Beth McGinty)  
09/2017-07/2021.

*Johns Hopkins Multidisciplinary Pain Fellowship Program* Medtronic Unrestricted Educational Grant Bicket, PI  
07/2017-08/2018.

*Opioid use after surgery: uncovering utilization patterns and stakeholder roles* Johns Hopkins Stimulating and Advancing Anesthesia Research Mentored Training Award  
Bicket, PI  
08/2016-06/2017.

## Honors and Awards

### National

2014	American Society of Regional Anesthesiology and Pain Medicine (ASRA) Resident/Fellow of the Year Award
2017	First Place Clinical Abstract Winner, American Pain Society (APS) 36th American Pain Society Annual Scientific Meeting
2017	North American Pain School (NAPS) Class of 2017, International Association for the Study of Pain (IASP) and the Analgesic, Anesthetic, and Addiction Clinical Trial Translations, Innovations, Opportunities, and Networks (ACTTION).
2017	Young Investigator Award, American Pain Society (APS) 36th American Pain Society Annual Scientific Meeting
2018	Pain Medicine Fellowship Excellence Award, American Academy of Pain Management (AAPM)
2019	Delta Omega National Public Health Honor Society, John Hopkins Bloomberg School of Public Health
2019	Initiative for Multicenter Pragmatic Anesthesiology Clinical Trials (IMPACT) Award, Association of University Anesthesiologists (AUA), International Anesthesia Research Society (IARS), and leaders of five other academic anesthesiology organizations.
2019	White House Fellow, President's Commission on White House Fellowships
2020	Fellow of the American Society of Anesthesiologists (FASA), American Society of Anesthesiologists (ASA)
2021	Top 10% of Journal Reviewers, Anesthesiology

## Memberships in Professional Societies

2011-2020	Member, Maryland Society of Anesthesiologists (MSA)
2011-present	Member, American Society of Anesthesiologists (ASA)
2012-present	Member, American Society of Regional Anesthesia and Pain Medicine (ASRA)
2013-present	Member, Health Volunteers Overseas (HVO)
2014-2019	Member, American Pain Society (APS)
2016-present	Member, International Association for the Study of Pain (IASP)
2017-2019	Member, Association of Pain Program Directors (APPD)
2018-present	Member, American Academy of Pain Medicine (AAPM)
2020-present	Member, Michigan Society of Anesthesiologists
2020-present	Member, US Association for the Study of Pain
2021-present	Member, American Association for the Advancement of Science (AAAS)

## Editorial Positions, Boards, and Peer-Review Service

### Study Sections

#### National

2018	Centers for Medicare and Medicaid Services (CMS) Quality Innovation Network (QIN) Quality Improvement Organization (QIO) Special Innovation Projects on Opioid Prescriptions (Ad Hoc)
2022	Chronic Pain Management Research Program, (Ad Hoc)
2023-2025	Chronic Pain Management Research Program

#### Editorial Boards

2020-present	Associate Editor, Pain Medicine Journal
2021-present	Associate Editor, Regional Anesthesia & Pain Medicine
2022-present	Handling Editor, Journal of Pain

### **Journal Reviewer**

2010-2016	Journal of the American Geriatrics Society (Ad Hoc)
2014	BMC Geriatrics (Ad Hoc)
2015-present	Pain Medicine (Ad Hoc)
2015-present	Regional Anesthesia and Pain Medicine (Ad Hoc)
2016-2018	Stimulating and Advancing Anesthesiology and Critical Care Medicine Research Grants (Ad Hoc)
2016	Trials (Ad Hoc)
2017-2019	Reviewer, American Pain Society Data Blitz Abstracts (Ad Hoc)
2017-present	Anesthesiology (Ad Hoc)
2017-present	Annals of Internal Medicine (Ad Hoc)
2017-present	PLOS One (Ad Hoc)
2018-2019	The Spine Journal (Ad Hoc)
2018-present	Annals of Surgery (Ad Hoc)
2018-present	Journal of Pain (Ad Hoc)
2018-present	Journal of the American College of Surgeons (Ad Hoc)
2018-present	Journal of the American Medical Association (JAMA) (Ad Hoc)
2019-2020	American Journal for Health-Systems Pharmacy (Ad Hoc)
2019-2020	JAMA Pediatrics (Ad Hoc)
2020	Medical Care (Ad Hoc)
2020	NEJM Catalyst (Ad Hoc)
2021-present	JAMA Open (Ad Hoc)
2021-present	Pain (Ad Hoc)
2021	Pain Reports (Ad Hoc)

### **Teaching Activity**

#### **Institutional**

2015-2019	Regional Anesthesiology Team Lecture: Johns Hopkins University School of Medicine, Baltimore MD
2015-2019	Pain Fellow and Resident Lecture: Outpatient Blaustein Pain Treatment Center, Johns Hopkins University School of Medicine, Baltimore MD
2015	Johns Hopkins University Blaustein Pain Grand Rounds: Epidural Steroid Injections: A Potent Placebo or Procedure to Prevent Surgery?, Baltimore, MD
2016	Pain Fellow and Resident Lecture: Pre-Emptive Analgesia, Statistics in Pain Medicine, Sex & Gender Differences in Pain, and Communication in Pain Medicine, Johns Hopkins Hospital, Baltimore MD
2016	First Year Medical Student Lecture: Central Sensitization: Patient Interview, Central Sensitization: Didactic Sessions, Johns Hopkins University School of Medicine, Baltimore MD
2017	Resident Lecture: Pain and Opioid Pathways, Johns Hopkins University School of Medicine, Baltimore MD
2017	Resident Lecture: Opioid Use, Complex Regional Pain Syndrome, and Spinal Cord Stimulation, Johns Hopkins University School of Medicine, Baltimore MD
2017	Acute Pain Clinical Fellow Lecture: Phantom Limb Pain, Johns Hopkins University School of Medicine, Baltimore MD

- 2017 First Year Medical Student Lecture: Central Sensitization: Patient Interview, and Central Sensitization: Didactic Session, Johns Hopkins University School of Medicine, Baltimore MD
- 2017 Johns Hopkins University Blaustein Pain Grand Rounds: Optimizing Pain and Pain Prescriptions After Surgery, Baltimore, MD
- 2017 Johns Hopkins University Pain Symposium: Tailor-made Treatments: Precision Medicine for Pain, Baltimore, MD
- 2017 Resident Lecture: The MINT Trial Journal Club, Johns Hopkins University School of Medicine, Baltimore MD
- 2017 Johns Hopkins University Department of Anesthesiology and Critical Care Medicine Research Committee: Opioid Pain Management After Surgery: Current Practice, Outcomes, and Preferences, Baltimore, MD
- 2018 Johns Hopkins University Blaustein Pain Grand Rounds: Healthcare Provider's Perspective on the Opioid Crisis, Baltimore, MD
- 2018 Pain Fellows and Resident Lecture: Pain Board Review, Johns Hopkins Hospital, Baltimore MD
- 2018 Johns Hopkins University Grand Rounds: The Opioid Epidemic and Acute Prescribing After Surgery, Baltimore, MD
- 2018 Resident Lecture: Pain and Opioid Pathways, Johns Hopkins University School of Medicine, Baltimore MD
- 2018 Johns Hopkins University Advanced Practitioner Grand Rounds: Best Practices – Opiate Management Across the Healthcare Continuum, Baltimore, MD
- 2018 Resident Lecture: Opioid Dependency Before, During, and After Surgery, Johns Hopkins University School of Medicine, Baltimore MD
- 2018 Resident Lecture: Opioids & Benzodiazepines, Johns Hopkins University School of Medicine, Baltimore MD
- 2018 Johns Hopkins School of Medicine Medical Student Lecture: Central Sensitization: Patient Interview, and Central Sensitization: Didactic Session, Johns Hopkins University School of Medicine, Baltimore MD
- 2018 Johns Hopkins University Anesthesiology Discovery Rounds: How Many are Too Many? Optimizing Prescription Opioids and Pain Management After Discharge from Surgery, Baltimore, MD
- 2018 Resident Lecture: Pain and Opioid Pathways, Johns Hopkins University School of Medicine, Baltimore MD
- 2018 Resident Lecture: Complex Regional Pain Syndrome, Johns Hopkins University School of Medicine, Baltimore MD
- 2019 Pain Fellow and Resident Lecture: Pain Board Review, Johns Hopkins Hospital, Baltimore MD
- 2019 Resident Lecture: Pain and Opioid Pathways, Johns Hopkins University School of Medicine, Baltimore MD
- 2020-present Clinical Pain Medicine Fellows Lecture: Pain and Opioid Pathways, University of Michigan School of Medicine, Ann Arbor, MI
- 2020-present Clinical Anesthesia Resident Lecture: Mock Oral Board, University of Michigan School of Medicine, Ann Arbor, MI
- 2022 Vascular Surgery Monthly Coordinator Meeting: Opioid Prescribing and Pain Management After EVAR or CEA, University of Michigan, Ann Arbor, MI
- 2022 CA3 Journal Article: Association of opioid exposure before surgery with opioid consumption after surgery, University of Michigan, Ann Arbor, MI
- 2022 CA-3 Journal Club: Ultrasound-Guided Clavipectoral Fascial Plane Block With Intermediate Cervical Plexus Block for Midshaft Clavicular Surgery: A Prospective Randomized Controlled Trial, University of Michigan, Ann Arbor, MI
- 2022 Michigan Institute for Clinical & Health Research (MICHHR) Community Engagement (CE) Studio: The CARES for Kids Trial: Comparing Analgesic Regimen and Effectiveness and Safety after surgery, University of Michigan, Ann Arbor, MI

- 2022 University of Michigan 38th Annual Internal Medicine Update: (1) Pain Essentials: Opioids, the Overdose Crisis, and Stigma, (2) Pearls and Pitfalls of Prescription Opioids for Pain, and (3) Aches and Gains: Strategies to Sooth Pain Without Medications, Mackinac Island, MI
- 2022 Pain Short Course: Postoperative Pain Management, University of Michigan, Ann Arbor, MI  
09/2022-09/2022 Michigan Perioperative Research (MPR): CARES Trial Overview, University of Michigan, Ann Arbor, MI
- 2022 CA3-Journal Article: Comparison Between Subparineural Upper Trunk and Conventional Interscalene Blocks for Arthroscopic Shoulder Surgery: A Randomized Noninferiority Trial, University of Michigan, Ann Arbor, MI
- 2022 Institute for Healthcare Policy & Innovation (IHPI) Massive Open Online Course: Opioid Misuse, University of Michigan, Ann Arbor, MI
- 2022 CA 3-Journal Article: Regional Anesthesia Associated with Decreased Inpatient and Outpatient Opioid Demand in Tibial Plateau Fracture Surgery, University of Michigan, Ann Arbor, MI

## Committee and Administrative Services

### Committee Services

#### National

- 2012-2013 American Society of Anesthesiologists (ASA) - Committee on Residents and Medical Students, Member
- 2012-2013 American Society of Anesthesiologists (ASA) - Resident Component, President-Elect
- 2013-2014 American Society of Anesthesiologists (ASA) - Board of Directors, Member
- 2013-2014 American Society of Anesthesiologists (ASA) - Resident Component, President
- 2013-2016 American Society of Anesthesiologists (ASA) - Committee on Government Affairs, Member
- 2013-2019 American Society of Anesthesiologists (ASA) - Committee on Communications, Member
- 2013-2022 American Society of Anesthesiologists (ASA) - Committee on Membership, Member
- 2014-2015 American Society of Regional Anesthesia and Pain Medicine (ASRA) - Resident Section Committee, Member
- 2014-2022 American Society of Anesthesiologists (ASA) - Committee on Young Physicians, Member
- 2015-2017 American Pain Society (APS) - Clinical Resources and Guidelines Committee, Member
- 2015-2019 American Pain Society (APS) - Early Career Advisory Group, Member
- 2015 American Society of Anesthesiologists (ASA) - Ad Hoc Workgroup on Rebranding, Member
- 2015 Foundation for Anesthesiology Education and Research (FAER) - Anesthesiology Innovation & Entrepreneurship Program (AIEP) on Patents & Commercial Assessment Workshop Planning Committee, Member
- 2016-2017 American Pain Society (APS) - Early Career Advisory Group, Co-Chair
- 2016 American Pain Society (APS) - Early Career Forum Planning Committee, Member
- 2017-2018 American Pain Society (APS) - Board of Directors, Early Career Liaison
- 2017-2018 American Pain Society (APS) - Early Career Advisory Group, Chair
- 2017-2018 American Society of Regional Anesthesia and Pain Medicine (ASRA) - Committee on Membership, Member
- 2017-2019 Association of Pain Program Directors (APPD) - Board of Directors, Member
- 2017 American Pain Society (APS) - Bylaws Committee, Member
- 2017 American Society of Anesthesiologists (ASA) - Ad Hoc Workgroup on Website, Member
- 2018-2019 American Academy of Pain Medicine (AAPM) - Resident Fellow Education Special Interest Group, Co-Chair
- 2018-2019 Delaware Division of Public Health - Committee on Non-opioid Pain Management, Member
- 2018-2019 National Academy of Medicine - Committee on Evidence-based Clinical Practice Guidelines for Prescribing Opioids for Acute Pain, Member

2018-2021	American Academy of Pain Medicine (AAPM) - Annual Meeting Steering Committee, Member
2018	American Society of Anesthesiologists (ASA) - Ad Hoc Workgroup on Web Oversight, Member
2019	American Pain Society (APS) - 2019 Scientific Meeting Early Career Forum, Co-chair
2019	National Science and Technology Council (NSTC) Committee on Science - Fast Tract Action Committee on Health Science and Technology Response to the Opioid Crisis, Member
2020-2022	American Society of Anesthesiologists (ASA) - Workgroup on Early Career Member Recruitment and Retention Strategies, Member
2020-2022	American Society of Anesthesiologists (ASA) - Workgroup on Early Career Members, Member
2021-present	US Association for the Study of Pain (USASP) - Acute to Chronic Pain Special Interest Group, Chair
2022-2023	American Society of Anesthesiologists (ASA) - Ad Hoc Workgroup on Mentorship, Member
2022-2023	American Society of Regional Anesthesiology and Pain Medicine (ASRA) – Committee on Research, Adjunct Member
2022-2026	Food and Drug Administration (FDA) - Anesthetic and Analgesic Drug Product Advisory Committee (AADPAC), Member
2023-present	Committee on Research, American Society of Regional Anesthesiology and Pain Medicine (ASRA), Member

### **Regional**

2014	Mid-Atlantic Anesthesia Research Conference (MAARC), Conference Founder, Co-Chair
2018	Maryland Society of Anesthesiologists (MSA), Delegate to ASA meeting

### **Institutional**

2015-2019	Johns Hopkins Hospital - Committee on Pain Management, Member
2015-2019	Johns Hopkins University School of Medicine - Pain Medicine Fellowship Clinical Competency Committee, Member
2016-2017	Johns Hopkins Pain Medicine Division - EPIC Clinical Integration, Physician lead
2016-2017	Johns Hopkins Pain Medicine Division - EPIC SmartSet, Physician Lead
2016-2019	Johns Hopkins Department of Anesthesiology and Critical Care Medicine - Perioperative Ultrasound Committee, Member
2016-2019	Johns Hopkins Pain Medicine Division - Faculty Candidate Committee, Interviewer
2017-2018	Johns Hopkins Pain Medicine Division - Safety Timeout for Pain Procedures (STOPP), Project lead
2017-2019	Johns Hopkins Health System - Opioid Stewardship Clinical Community Education Committee, Member
2017-2019	Johns Hopkins Health System - Opioid Stewardship Clinical Community Implementation and Education Committee, Co-Chair
2017-2019	Johns Hopkins Health System - Opioid Stewardship Clinical Community Metrics Committee, Member
2017-2019	Johns Hopkins Health System - Opioid Stewardship Clinical Community Policy Committee, Co-Chair
2017-2019	Johns Hopkins Hospital - Committee on Pain Management, Co-Chair
2017	Johns Hopkins Medicine - Pain Symposium Planning Committee, Member
2018-2019	Johns Hopkins Health System - Opioid Stewardship Clinical Community Advocacy & Regulation Committee, Member
2019	Johns Hopkins Hospital - Clinical Quality Improvement Committee, Member

## **Visiting Professorships and Extramural Invited Presentations**

### **Visiting Professorships**

- 06/2017 Optimizing Pain and Opioid Prescriptions After Surgery, Northwestern University Feinberg School of Medicine Department of Anesthesiology Grand Rounds, June 2017, Chicago, IL
- 07/2018 Opioid Prescribing After Surgery: How Low Can We Go?, Department of Anesthesiology, University of Michigan (Not a University of Michigan faculty member at this time), July 2018, Ann Arbor, MI

### **Extramural Invited Presentations**

1. Chronic Pain Management for Sickle Cell Disease, NIH Sickle Cell Adult Provider Network Pain Symposium, August 2015, Bethesda, MD
2. Maintaining Balance in Your Career, American Pain Society Early Career Forum, May 2016, Austin, TX
3. Preparing a Research Protocol, Spine Injections Society (SIS) - Back to Basics: Conducting Your Own Clinical Research, July 2016, New Orleans, LA
4. Neurostimulation Technology Update, Spine Intervention Society 24th Annual Scientific Meeting, July 2016, New Orleans, LA
5. Epidural Steroids and Nerve Ablation for the Internist, MedStar Union Memorial Hospital Medicine Grand Rounds, April 2017, Baltimore, MD
6. Can We Predict Opioid Use and Supply After Joint Surgery?, University of Maryland-Johns Hopkins University Pain Meeting, April 2017, Baltimore, MD
7. Helping People to Suffer Less: An Overview of Palliative Care, American Pain Society Fundamentals of Translational Pain Medicine, May 2017, Pittsburg, PA
8. Prescription Opioid Oversupply Following Orthopedic Surgery: A Prospective Cohort Study, American Pain Society 36th Annual Scientific Meeting, May 2017, Pittsburg, PA
9. Lost In Translation: The Barriers Between Basic and Clinical Research, American Pain Society Fundamentals of Translational Pain Medicine, May 2017, Pittsburg, PA
10. Spinal Cord Stimulation: Update on Clinical Efficacy, Spine Intervention Society 25th Annual Scientific Meeting, July 2017, San Francisco, CA
11. Best of Clinical Abstracts, Spine Intervention Society 25th Annual Scientific Meeting, July 2017, San Francisco, CA
12. What I wish I Knew Then, American Society of Regional Anesthesiology and Pain Medicine 16th Annual Pain Medicine Meeting, November 2017, Orlando, FL
13. Prescription Opioids to Treat Painful Conditions, Michael Bloomberg Foundation, January 2018, New York, NY
14. Pain Management – Using Opioids Wisely, MedStar St. Mary's Hospital Pain Lecture Series, June 2018, Leonardtown, MD
15. Battling the Opioid Epidemic with Clinical Communities: A Health System's Approach to Opioid Stewardship, Executive Business Intelligence Forum, July 2018, Washington, DC
16. Monitor Patient Risk Factors, Use, and Provider Prescribing Patterns to Positively Affect Clinical Decision Making, World Congress Opioid Management Congress, August 2018, Nashville, TN
17. Applying for Pain Medicine Fellowship, American Academy of Pain Medicine (AAPM), November 2018, Vancouver, BC, Canada
18. Advanced Procedures for Pain Practice, Patient Selection, Performance, Documentation, and Billing, American Academy of Pain Medicine Annual Meeting, March 2019, Denver, CO
19. Case Studies From Opioid Stewardship Programs: Create System-Wide Policies, Benchmarks, Evidence- Based Standards, and Quality Metrics, World Congress Opioid Management Summit, March 2019, Washington, DC
20. Dissecting An Epidemic: Lessons From the Opioid Crisis, American Chemical Society Middle Atlantic Regional Meeting, May 2019, Baltimore, MD
21. Alternatives for Pain Management, St. Mary's County Health Department, May 2019, California, MD
22. Is the Crisis Over? A Look at Trends in Opioid Prescribing in the U.S., IQVIA (formerly Quintiles and IMS Health, Inc), March 2021, Virtual Presentation
23. AAAPT Acute Abdominal and Peritoneal Pain After Surgery, The International Association for the Study of Pain Neuropathic Pain Special Interest Group (NeuPSIG), April 2021, Pain Research Forum (Virtual Presentation)
24. COVID Guidelines and Treating the Recovered Patient, American Academy of Pain Medicine, April 2021, Virtual
25. Michigan Opioid Prescribing Engagement Network, Collaborative Quality Improvement Program Directors Forum, July 2021, MI
26. Perioperative Opioid Use and Patient Risks, The Anesthesiology Annual Meeting 2021, October 2021, San Diego, CA
27. The PROTECT Trial: Prescribing vs. Over-the-Counter Non-Opioids for Post-Discharge Pain, University of Michigan, East Ann Arbor Nursing Staff, December 2021, Virtual
28. Optimizing Perioperative Pain: Opioids, Adjuvants, and Outcomes, Spectrum Health West Michigan Department of Anesthesiology, February 2022, Virtual
29. Perioperative Pain Care Management and Coordination, 2022 Rx Drug and Abuse Summit, April 2022, Atlanta, GA
30. Academic Detailing, BMC2 Vascular Surgery Physician Meeting, May 2022, Traverse City, MI
31. Optimizing Pain Relief After Vascular Surgery for EVAR and CEA, BMC2 Vascular Surgery Physician Meeting, 05/2022, Traverse City, MI
32. 1) Getting Your Work Published: Where and How 2) Acute to Chronic Pain: Looking Back, Looking Forward, U.S. Association for the Study of Pain Annual Scientific Meeting, 05/2022, Cincinnati, OH
33. Pain Management in Primary Care and Dental: Special Focus on the Opioid Crisis, Integrated Health Conference 2022: Reimagining Healthcare; Inclusive, Informed, and Integrated, 05/2022, Virtual

34. 1) Aches and Gains: Strategies to Soothe Pain Without Medications 2) Pain Essentials: Opioids, the Overdose Crisis, and Stigma 3) Pearls and Pitfalls of Prescription Opioids for Pain, 38th Annual Internal Medicine Update, 07/2022, Mackinac Island, Michigan
35. 1) Improving Medication Adherence after Surgery 2) Panelist: Healthy Behaviors: Medication Adherence, Michigan Value Collaborative (MVC) Fall 2023 Semi-Annual Meeting, 10/2022, Lansing, MI
36. Pain Management in Primary Care and Dental: Special Focus on the Opioid Crisis, Michigan Primary Care Association (MPCA) Dental Substance Use Disorders Webinar Series, 11/2022, Virtual
37. Equity in Pain Management After Childbirth, Emerging Topics in Maternity Care and Health Equity Panel, Obstetrics Initiative Fall Semi-Annual Meeting, 11/2022, Freeland, MI
38. The Role of Anesthesiologists and Acute Care Prescribing in the Opioid Crisis, Boston Medical Center Department of Anesthesiology Grand Rounds, 01/2023, Virtual
39. Journal Club Article: Lam CM, Murray MJ. The Multiple Casualty Scenario: Role of the Anesthesiologist. *Curr Anesthesiol Rep.* 2020;10(3):308-316., Bicket M, University of Michigan School of Medicine, 01/2023, Virtual
40. Pain Essentials: Opioid Prescribing, Pain Treatment, and Practical Guidance, St. Joseph Regional Medical Center - Mishawaka, IN, 03/2023, Virtual

## Other

1. Opioid Crisis, POLITICO Working Group, October 2017, Washington, D.C.
2. Opioid Crisis: Crucial Next Steps, POLITICO Pro, November 2017, Washington, D.C.
3. Moderator: Identifying Research Gaps in Opioids Prescribing Guidelines for Acute Pain Management in Medical Indications, The National Academies of Medicine, July 2019, Washington, DC
4. Moderator: Medically Challenging Cases, Anesthesiology Annual Meeting, American Society of Anesthesiologists (ASA), October 2021, San Diego, CA

## Seminars

1. Selective Nerve Root Blocks and Epidural Steroid Injections: Best Practices and Resident Fluoroscopy Cadaver Workshop, American Society of Regional Anesthesia and Pain Medicine (ASRA) 16th Annual Meeting Fluoroscopy Cadaver Workshop, November 2017, Lake Buena Vista, FL

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## Reports

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