

Mark C. Bicket, M.D., Ph.D., F.A.S.A.

Associate Professor
University of Michigan
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Education and Training

Education

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

Postdoctoral Training

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

Certification And Licensure

Certification

04/2015-12/2025	American Board of Anesthesiology, Anesthesiology
09/2015-12/2025	American Board of Anesthesiology, Pain Medicine

Licensure

05/2014-07/2026	DEA License
02/2015-08/2020	Maryland, Medical License
04/2015-08/2020	Maryland, Controlled Substance
01/2020-01/2026	Michigan, Medical License
01/2020-07/2026	Michigan, Controlled Substance

Academic, Administrative, Clinical, Research and Military Appointments

Academic Appointment

08/2015-08/2019	Assistant Professor in Anesthesiology and Pain Medicine, Johns Hopkins University School of Medicine, Baltimore, MD
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3/10/2025

09/2020-09/2023	Assistant Professor in Anesthesiology, University of Michigan School of Medicine, Ann Arbor, MI
05/2021-09/2023	Assistant Professor in Health Management and Policy, University of Michigan School of Public Health, Ann Arbor, MI
09/2023-Present	Associate Professor in Anesthesiology, with tenure, University of Michigan School of Medicine, Ann Arbor, MI
09/2023-Present	Associate Professor in Health Management and Policy, with tenure, University of Michigan School of Public Health, Ann Arbor, MI
11/2023-Present	Adjunct Faculty, Burrell College of Osteopathic Medicine, Las Cruces, NM

Administrative Appointment

08/2015-07/2016	Assistant Fellowship Program Director, Multidisciplinary, Pain Medicine, Johns Hopkins University School of Medicine, Baltimore, MD
07/2016-08/2019	Fellowship Program Director, Multidisciplinary, Pain Medicine, Johns Hopkins University School of Medicine, Baltimore, MD
01/2017-08/2019	Quality Assurance Director, Pain Medicine, Johns Hopkins University School of Medicine, Baltimore, MD
01/2017-08/2019	Core Faculty, Center for Drug Safety and Effectiveness, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
09/2020-Present	Co-Director, Overdose Prevention Engagement Network (OPEN), University of Michigan, Ann Arbor, MI
03/2022-Present	Director, Pain and Opioid Research, University of Michigan, Ann Arbor, MI
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, MD
07/2016-08/2019	Attending Physician, Johns Hopkins Bayview Medical Center, Baltimore, MD
09/2020-Present	Attending Physician, University of Michigan Medical Center, Ann Arbor, MI

Government

08/2019-08/2020	White House Fellow, White House Office of Science and Technology Policy, Washington D.C.
08/2020-11/2020	Special Government Employee, White House Office of Science and Technology Policy, Washington D.C.

Research Interests

- The Opioid Crisis, Opioid Use Disorder, and Overdose Prevention: extensive involvement in opioid use disorder research, overdose prevention networks, and pain management protocols. Current grants and projects focus on improving perioperative care for patients with opioid use disorder and complex prescription opioid use, and the impact of surgery on patients taking medications for opioid use disorder. Pivotal projects include the Michigan Overdose Prevention Engagement Network (M-OPEN) and naloxone distribution initiatives. Methods include clinical trials, policy analysis, pharmacoepidemiology, health services research, and systematic review/meta-analysis.
- Postoperative Pain Management Guidelines and Opioid Prescribing Recommendations: Optimizing pain management for acute and chronic pain conditions, these studies examine the quality and safety of prescription opioids used in medical and non-medical ways on an outpatient basis by patients after surgery or hospital discharge, in other acute care settings, and in primary care settings.

3/10/2025

- Health Policy and Public Health in the Context of Pain and Opioid Research: this work at the intersection of clinical practice with health policy extends into the implementation and evaluation of state and federal policies aimed at curbing opioid misuse and improving pain management practices.

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.

Grants

Current Grants

Principal Investigator (PI) or Multiple Principal Investigator (MPI) (7)

R01DA058640: *Improving Perioperative Care for Patients with Opioid Use Disorder*

Multiple Principal Investigator (MPI)

Mark Bicket (Contact PI);Jennifer Waljee(MPI)

National Institutes of Health (NIH) - NIDA

09/2024 - 07/2029

R01DA058029: *Improving Perioperative Care for Patients with Opioid Tolerance*

Multiple Principal Investigator (MPI)

Mark Bicket (Contact PI);Jennifer Waljee(MPI)

National Institutes of Health (NIH)

07/2024 - 04/2029

R01DA057943: *The Impact of Surgery on Outcomes for Patients taking Medications for Opioid Use Disorder*

Multiple Principal Investigator (MPI)

Mark Bicket (MPI);Thuy Nguyen(MPI)

National Institutes of Health (NIH) – NIDA

09/2023 - 06/2028

The CARES for Kids Trial: Comparing Analgesic Regimen Effectiveness and Safety after surgery in Kids

Principal Investigator (PI)

Mark Bicket (PI)

Patient-Centered Outcomes Research Institute (PCORI)

04/2024 - 06/2029

The CARES Trial: Comparing Analgesic Regimen Effectiveness and Safety after surgery

Principal Investigator (PI)

Mark Bicket (PI)

Patient-Centered Outcomes Research Institute (PCORI)

04/2022 - 04/2028

MOPEN-UM: Michigan Overdose Prevention Engagement Network (M-OPEN)

Multiple Principal Investigator (MPI)

Mark Bicket (MPI);Amy Bohnert(MPI);Chad Brummett(MPI);Jennifer Waljee(MPI);Michael Englesbe(MPI)

Centers for Medicare and Medicaid Services (CMS)/Michigan Department of Health and Human Services (MDHHS)

10/2024 - 09/2025

OPENED-UM: OPEN Naloxone Distribution and SUD Screening

Multiple Principal Investigator (MPI)

Mark Bicket (Contact PI);Chad Brummett(MPI);Jennifer Waljee(MPI)

Centers for Disease Control and Prevention (CDC)/Michigan Department of Health and Human Services (MDHHS)

10/2024 - 09/2025

Co-Investigator (Co-I) or Consultant (5)

U01AR083132: *Cannabidiol for postoperative Opioid Reduction in primary total Knee arthroplasty - a randomized, 2x2 factorial, double-blind, placebo-controlled clinical trial (The CORK trial)*

Co-Investigator (Co-I)

Chad Brummett (PI)

National Institutes of Health (NIH) – NIAMS

09/2023 - 08/2028

Clinical Practice Guidelines for Postoperative Pain in Pregnancy: Evidence, Dissemination, and Impact

Co-Investigator (Co-I)

Jennifer Waljee(MPI);Michelle Moniz(MPI)

Food and Drug Administration (FDA)

09/2022 - 08/2025

K99HG013600: *Understanding barriers and facilitators to pharmacogenomic testing in chronic pain care*

Co-Investigator (Co-I)/Mentoring Team

Katherine Hendy (PI)

National Institutes of Health (NIH)

08/2024 - 07/2026

K23AR082454: *Genetic Markers of Chronic Postsurgical Pain*

Consultant/Mentoring Team

Stephan Frangakis (PI)

National Institutes of Health (NIH)

04/2023 - 03/2028

FAER 2024 Medical Student Anesthesia Research Fellowship (MSARF)

Consultant/Mentoring Team

Chad Brummett (PI)

Foundation for Anesthesia Education and Research (FAER)

05/2024 - 12/2024

Past Grants

Principal Investigator (PI) or Multiple Principal Investigator (MPI) (9)

MOPEN-UM: Michigan Opioid Prescribing Engagement Network (M-OPEN)

Multiple Principal Investigator (MPI)

Mark Bicket (MPI);Amy Bohnert(MPI);Chad Brummett(MPI);Jennifer Waljee(MPI);Michael Englesbe(MPI)

Centers for Medicare and Medicaid Services (CMS)/Michigan Department of Health and Human Services (MDHHS)

10/2023 - 09/2024

OPEN Naloxone Distribution and SUD Screening

Multiple Principal Investigator (MPI)

Mark Bicket (MPI);Chad Brummett(MPI);Jennifer Waljee(MPI)

3/10/2025

Centers for Disease Control and Prevention (CDC)/Michigan Department of Health and Human Services (MDHHS)
10/2023 - 09/2024

Michigan Opioid Prescribing Engagement Network (M-OPEN)

Multiple Principal Investigator (MPI)

Mark Bicket (MPI); Chad Brummett(MPI); Jennifer Waljee(MPI); Michael Englesbe(MPI)

Centers for Medicare and Medicaid Services (CMS)

10/2022 - 09/2023

Michigan Opioid IV

Multiple Principal Investigator (MPI)

Mark Bicket (MPI); Chad Brummett(MPI); Jennifer Waljee(MPI); Keith Kocher(MPI); Michael Englesbe(MPI)

Substance Abuse and Mental Health Services Administration (SAMHSA)

10/2022 - 09/2023

Opioid Data Dashboard Project

Multiple Principal Investigator (MPI)

Mark Bicket (MPI); Chad Brummett(MPI); Jennifer Waljee(MPI); Michael Englesbe(MPI)

Centers for Disease Control and Prevention (CDC)/Michigan Department of Health and Human Services (MDHHS)

10/2022 - 08/2023

Opioid Data Dashboard Project

Multiple Principal Investigator (MPI)

Mark Bicket (MPI); Chad Brummett(MPI); Jennifer Waljee(MPI); Michael Englesbe(MPI)

Centers for Disease Control and Prevention (CDC)/Michigan Department of Health and Human Services (MDHHS)

10/2021 - 09/2022

Consequences of non-optimal opioid prescribing after surgery

Principal Investigator (PI)

Mark Bicket (PI)

Foundation for Anesthesia Education and Research (FAER) Mentored Research Training Grant

01/2018 - 12/2019

Opioid use after surgery: uncovering utilization patterns and stakeholder roles

Principal Investigator (PI)

Mark Bicket (PI)

Johns Hopkins Stimulating and Advancing Anesthesia Research Mentored Training Award

08/2016 - 06/2017

How are prescription opioids used by adult patients following discharge from the hospital?

Principal Investigator (PI)

Mark Bicket (PI)

Blaustein Pain Research Fund, Johns Hopkins School of Medicine

07/2016 - 06/2017

Co-Investigator (Co-I) or Consultant (10)

R01DA049789: *State Medical Cannabis Laws, Chronic Pain, and Opioids: A Mixed-Methods Approach:*

Co-Investigator (Co-I)

Beth McGinty (PI)

National Institutes of Health (NIH) – NIDA

09/2022 - 09/2024

FAER 2023 Medical Student Anesthesia Research Fellowship (MSARF)

3/10/2025

Consultant

Chad Brummett (PI)
Foundation for Anesthesia Education and Research (FAER)
05/2023 - 12/2023

*Michigan Opioid Prescribing Engagement Network (M-OPEN)***Co-Investigator (Co-I)**

Centers for Medicare and Medicaid Services (CMS)/Michigan Department of Health and Human Services (MDHHS)
10/2021 - 09/2022

*Michigan Opioid IV***Co-Investigator (Co-I)**

Substance Abuse and Mental Health Services Administration (SAMHSA)/Michigan Department of Health and Human Services (MDHHS)
10/2021 - 09/2022

*Michigan Opioid IV***Co-Investigator (Co-I)**

Substance Abuse and Mental Health Services Administration (SAMHSA)/Michigan Department of Health and Human Services (MDHHS)
10/2020 - 09/2021

*Michigan Opioid Prescribing Engagement Network III***Co-Investigator (Co-I)**

Substance Abuse and Mental Health Services Administration (SAMHSA)/Michigan Department of Health and Human Services (MDHHS)
10/2020 - 09/2021

*R01DA049789: State Medical Cannabis Laws, Chronic Pain, and Opioids: A Mixed-Methods Approach***Co-Investigator (Co-I)**

Beth McGinty (PI)
National Institutes of Health (NIH)-NIDA
07/2020 - 09/2022

*BHA19-013G Substance Abuse Consultation/BHIPP-Maryland Addiction Consultation Service:***Co-Investigator (Co-I)**

Maryland Department of Mental Health and Mental Hygiene
09/2018 - 06/2019

*1R01DA044987: An Evaluation of State Laws Intended to Curb High-Risk Opioid Prescribing***Co-Investigator (Co-I)**

Beth McGinty (PI)
National Institutes of Health (NIH) -NIDA
09/2017 - 07/2021

T32GM075774: Postdoctoral Research Training in Anesthesiology and Critical Care Medicine

T32 Grant, Department of Anesthesiology and Critical Care Medicine, Johns Hopkins School of Medicine
Allan Gottschalk (PI)
National Institutes of Health (NIH)-NIGMS
08/2015 - 08/2017

Honors and Awards**National**

3/10/2025

2014	American Society of Regional Anesthesiology and Pain Medicine (ASRA) Resident/Fellow of the Year Award
2017	Young Investigator Award, American Pain Society (APS) 36th American Pain Society Annual Scientific Meeting
2017	First Place Clinical Abstract Winner, 36th American Pain Society Annual Scientific Meeting, American Pain Society (APS)
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)
2018	Pain Medicine Fellowship Excellence Award, American Academy of Pain Management (AAPM)
2019	Delta Omega National Public Health Honor Society, Johns 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
2023	Top 5% of Journal Reviewers, JAMA
2024	Presidential Scholar Award, American Society of Anesthesia and Pain Medicine (ASRA)
2024	Mayday Pain & Society Fellowship, Communicating Science & Improving Care
2024	Top 8% of Journal Reviewers, JAMA
2025	Challenge Award for Drug Repurposing and Repositioning Insights for Treating Substance Use Disorders, NIH National Institute of Drug Abuse

Editorial Positions, Boards, and Peer-Review Service

Study Sections

National

2018	Special Innovation Projects on Opioid Prescriptions, Centers for Medicare and Medicaid Services (CMS) Quality Innovation Network (QIN) Quality Improvement Organization (QIO), (Ad Hoc)
2022	Chronic Pain Management Research Program, Congressionally Directed Medical Research Programs, Department of Defense, (Ad Hoc)
2022 - 2025	American Society of Regional Anesthesia and Pain Medicine (ASRA Pain Medicine) Research Grants
2023 - 2025	Chronic Pain Management Research Program, Congressionally Directed Medical Research Programs, Department of Defense
2024	Helping End Addiction Long-term (HEAL) Special Emphasis Panel, Center for Scientific Review (CSR), National Institutes of Health (NIH)
2024	NIDA Award Panel, Center for Scientific Review (CSR), National Institutes of Health (NIH)

International

3/10/2025

2025 Grant Review, Dutch Research Council (NWO)

Editorial Boards

2020 - Present Associate Editor, Pain Medicine Journal
2021 - Present Associate Editor, Regional Anesthesia & Pain Medicine
2022 - Present Handling Editor, Journal of Pain
2025 - Present Associate Editor, Anesthesiology

Journal Review

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 Trials (Ad Hoc)
2016 - 2018 Stimulating and Advancing Anesthesiology and Critical Care Medicine Research Grants (Ad Hoc)
2017 - Present Anesthesiology (Ad Hoc)
2017 - 2019 Annals of Internal Medicine (Ad Hoc)
2017 - 2019 PLoS ONE (Ad Hoc)
2018 - Present Annals of Surgery (Ad Hoc)
2018 - Present Journal of Pain (Ad Hoc)
2018 - Present JAMA - Journal of the American Medical Association (Ad Hoc)
2018 - 2019 Spine Journal (Ad Hoc)
2018 - 2022 Journal of the American College of Surgeons (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 Network Open (Ad Hoc)
2021 - Present Pain (Ad Hoc)
2021 Pain Reports (Ad Hoc)
2022 JAMA Neurology (Ad Hoc)
2022 Journal of Addiction Medicine (Ad Hoc)
2022 Annals of Surgery Open (Ad Hoc)
2022 Health Services Research (Ad Hoc)
2022 - 2023 Health Affairs (Ad Hoc)
2023 - Present AHRQ Evidence based Practice Center
2023 - Present BMJ Open (Ad Hoc)
2023 National Academy of Medicine, Workshop Proceedings on Opioid Drug Disposal

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2024 National Academy of Medicine, Veterans, Prescriptions Opioids and Benzodiazepines, and Mortality, 2007-2019

Abstract Review

2017 - 2019 American Pain Society Data Blitz Abstracts, (Ad Hoc)
2022 - 2025 United States Association for the Study of Pain Abstracts, (Ad Hoc)
2023 - Present FAER Medical Student Anesthesia Research Fellowship Abstract Review, (Ad Hoc)
2023 - Present FAER Resident Scholar Program Abstract Review, (Ad Hoc)

Teaching Activity

Institutional

2015-2019 Pain Fellow and Resident Lecture: Outpatient Blaustein Pain Treatment Center, Johns Hopkins University School of Medicine, Baltimore MD
2015-2019 Regional Anesthesiology Team Lecture: 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 Resident Lecture: Pain and Opioid Pathways, Johns Hopkins University School of Medicine, Baltimore MD

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2018	Johns Hopkins University Grand Rounds: The Opioid Epidemic and Acute Prescribing After Surgery, 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	Mock Oral Board Examination, University of Michigan School of Medicine, Ann Arbor, MI
2021	Ann Arbor Nursing Staff Lecture: The PROTECT Trial: Prescribing vs. Over-the-Counter Non-Opioids for Post-Discharge Pain, University of Michigan, Ann Arbor, MI
2022-Present	Resident Journal Club Mentor, University of Michigan, 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	CA-3 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 Clavicle 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	Pain Short Course: Postoperative Pain Management, University of Michigan, Ann Arbor, MI
2022	Michigan Perioperative Research (MPR): CARES Trial Overview, University of Michigan, Ann Arbor, MI
2022	CA-3 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

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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
2023	Journal Club Article: The Multiple Casualty Scenario: Role of the Anesthesiologist., University of Michigan, Ann Arbor, MI
2023	Journal Club Article: Opioid analgesia for acute low back pain and neck pain (the OPAL trial): a randomized placebo-controlled trial, University of Michigan, Ann Arbor, MI
2024	Journal Club Article: Variation in Intraoperative Opioid Administration by Patient, Clinician, and Hospital Contribution, University of Michigan, Ann Arbor, MI
2024	Journal Club Article: Trends in Opioid Prescribing and New Persistent Opioid Use After Surgery in the United States, University of Michigan, Ann Arbor, MI
2024	Journal Club Article: Comparison of Anterior Suprascapular, Supraclavicular, and Interscalene Nerve Block Approaches for Major Outpatient Arthroscopic Shoulder Surgery: A Randomized, Double-blind, Noninferiority Trial, University of Michigan, Ann Arbor, MI Anesthesia Resident Research Block Faculty Mentor, University of Michigan, Ann Arbor, MI

Memberships in Professional Societies

2011 - Present	Member, American Society of Anesthesiologists (ASA)
2011 – 2020	Member, Maryland Society of Anesthesiologists (MSA)
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, US Association for the Study of Pain (USASP)
2020 - Present	Member, Michigan Society of Anesthesiologists (MSA)
2021 - Present	Member, American Association for the Advancement of Science (AAAS)
2022 - Present	Member, International Anesthesia Research Society (IARS)
2022 - Present	Member, Association of University Anesthesiologists (AUA)

Committee/Service

International

2023	PhD Thesis Exam Committee, University of Auckland, New Zealand, Member
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National

2012 - 2013	Resident Component, American Society of Anesthesiologists (ASA), President Elect
2012 - 2013	Committee on Residents and Medical Students, American Society of Anesthesiologists (ASA), Member
2013 - 2014	Resident Component, American Society of Anesthesiologists (ASA), President
2013 - 2014	Board of Directors, American Society of Anesthesiologists (ASA), Member

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2013 - 2016	Committee on Government Affairs, American Society of Anesthesiologists (ASA), Member
2013 - 2019	Committee on Communications, American Society of Anesthesiologists (ASA), Member
2013 - 2022	Committee on Membership, American Society of Anesthesiologists (ASA), Member
2014 - 2015	Resident Section Committee, American Society of Regional Anesthesia and Pain Medicine (ASRA), Member
2014 - 2022	Committee on Young Physicians, American Society of Anesthesiologists (ASA), Member
2015	Ad Hoc Workgroup on Rebranding, American Society of Anesthesiologists (ASA), Member
2015	Anesthesiology Innovation & Entrepreneurship Program (AIEP) on Patents & Commercial Assessment Workshop Planning Committee, Foundation for Anesthesiology Education and Research (FAER), Member
2015 - 2017	Clinical Resources and Guidelines Committee, American Pain Society (APS), Member
2015 - 2019	Early Career Advisory Group, American Pain Society (APS), Member
2016	Early Career Forum Planning Committee, American Pain Society (APS), Member
2016 - 2017	Early Career Advisory Group, American Pain Society (APS), Co-Chair
2017	Bylaws Committee, American Pain Society (APS), Member
2017	Ad Hoc Workgroup on Website, American Society of Anesthesiologists (ASA), Member
2017 - 2018	Board of Directors, American Pain Society (APS), Other, Early Career Liaison
2017 - 2018	Early Career Advisory Group, American Pain Society (APS), Chair
2017 - 2019	Board of Directors, Association of Pain Program Directors (APPD), Member
2017 - 2019	Committee on Membership, American Society of Regional Anesthesia and Pain Medicine (ASRA), Member
2018	Ad Hoc Workgroup on Web Oversight, American Society of Anesthesiologists (ASA), Member
2018 - 2019	Committee on Evidence-based Clinical Practice Guidelines for Prescribing Opioids for Acute Pain, National Academy of Medicine, Member
2018 - 2019	Committee on Non-opioid Pain Management, Delaware Division of Public Health, Member
2018 - 2019	Resident Fellow Education Special Interest Group, American Academy of Pain Medicine (AAPM), Co-Chair
2018 - 2021	Annual Meeting Steering Committee, American Academy of Pain Medicine (AAPM), Member
2019	2019 Scientific Meeting Early Career Forum, American Pain Society (APS), Co-Chair
2019	Committee on Science, Fast Tract Action Committee on Health Science and Technology Response to the Opioid Crisis, National Science and Technology Council (NSTC), Member
2020 - 2022	Workgroup on Early Career Member Recruitment and Retention Strategies, American Society of Anesthesiologists (ASA), Member
2020 - 2022	Workgroup on Early Career Members, American Society of Anesthesiologists (ASA), Member

3/10/2025

2021 - 2024	Acute to Chronic Pain Special Interest Group, US Association for the Study of Pain (USASP), Chair
2022-2023	Maryland Health Services Cost Review Commission Population Health Measurement and Evaluation Workgroup, Maryland Department of Health Committee
2022 - 2024	Committee on Research, American Society of Regional Anesthesiology and Pain Medicine (ASRA), Member, Adjunct
2022 - 2026	Anesthetic and Analgesic Drug Product Advisory Committee (AADPAC), Food and Drug Administration (FDA), Member
2022 - 2027	Committee on Pain Medicine, American Society of Anesthesiologists (ASA), Member
2023 - Present	Committee on Research, American Society of Regional Anesthesiology and Pain Medicine (ASRA), Member
2023 - Present	Membership Committee, US Association for the Study of Pain (USASP), Member
2023 - Present	Academic Research Scientists Working Group, Multilevel Interventions to Reduce Harm and Improve Quality of Life (MIRHIQL) for Patients on Long Term Opioid Therapy, NIH Helping to End Addiction Long Term (HEAL) Initiative, National Institute on Drug Abuse (NIDA), Member
2023	Committee on Defining and Evaluating In-Home Drug Disposal Systems for Opioid Analgesics, National Academy of Medicine (Ad Hoc), Member
2023 - 2026	Scientific Program Committee, US Association for the Study of Pain (USASP), Member
2024 - Present	Technical Expert Panel, Cannabis and Other Plant-based Treatments for Chronic Pain systematic review, Agency for Healthcare Research and Quality (AHRQ), Member
2024 - 2026	Committee on Pain Medicine Research, American Society of Regional Anesthesia and Pain Medicine (ASRA), Member-at-Large

Regional

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

Institutional

2015 - 2019	Committee on Pain Management, Johns Hopkins Hospital, Member
2015 - 2019	Pain Medicine Fellowship Clinical Competency Committee, Johns Hopkins University School of Medicine, Member
2016 - 2017	EPIC Clinical Integration, Johns Hopkins Pain Medicine Division, Lead
2016 - 2017	EPIC SmartSet, Johns Hopkins Pain Medicine Division, Lead
2016 - 2019	Faculty Candidate Committee, Johns Hopkins Pain Medicine Division, Other, Interviewer
2016 - 2019	Perioperative Ultrasound Committee, Johns Hopkins Department of Anesthesiology and Critical Care Medicine, Member
2017	Pain Symposium Planning Committee, Johns Hopkins Medicine, Member
2017 - 2018	Safety Timeout for Pain Procedures (STOPP), Johns Hopkins Pain Medicine Division, Lead
2017 - 2019	Committee on Pain Management, Johns Hopkins Hospital, Co-Chair

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2017 - 2019	Opioid Stewardship Clinical Community Policy Committee, Johns Hopkins Health System, Co-Chair
2017 - 2019	Opioid Stewardship Clinical Community Metrics Committee, Johns Hopkins Health System, Member
2017 - 2019	Opioid Stewardship Clinical Community Education Committee, Johns Hopkins Health System, Member
2017 - 2019	Opioid Stewardship Clinical Community Implementation and Education Committee, Johns Hopkins Health System, Co-Chair
2018 - 2019	Opioid Stewardship Clinical Community Advocacy & Regulation Committee, Johns Hopkins Health System, Member
2019	Clinical Quality Improvement Committee, Johns Hopkins Hospital, Member

Scholarly Activities

Presentations

Extramural Invited Presentation

Speaker

1. Chronic Pain Management for Sickle Cell Disease, NIH Sickle Cell Adult Provider Network Pain Symposium, 08/2015, Bethesda, MD
2. Maintaining Balance in Your Career, American Pain Society Early Career Forum, 05/2016, Austin, TX
3. Neurostimulation Technology Update, Spine Intervention Society 24th Annual Scientific Meeting, 07/2016, New Orleans, LA
4. Preparing a Research Protocol, Spine Injections Society (SIS) - Back to Basics: Conducting Your Own Clinical Research, 07/2016, New Orleans, LA
5. Can We Predict Opioid Use and Supply After Joint Surgery?, University of Maryland-Johns Hopkins University Pain Meeting, 04/2017, Baltimore, MD
6. Epidural Steroids and Nerve Ablation for the Internist, MedStar Union Memorial Hospital Medicine Grand Rounds, 04/2017, Baltimore, MD
7. Lost In Translation: The Barriers Between Basic and Clinical Research, American Pain Society Fundamentals of Translational Pain Medicine, 05/2017, Pittsburg, PA
8. Helping People to Suffer Less: An Overview of Palliative Care, American Pain Society Fundamentals of Translational Pain Medicine, 05/2017, Pittsburg, PA
9. Optimizing Pain and Opioid Prescriptions After Surgery, Northwestern University Feinberg School of Medicine Department of Anesthesiology Grand Rounds, 06/2017, Chicago, IL
10. Best of Clinical Abstracts, Spine Intervention Society 25th Annual Scientific Meeting, 07/2017, San Francisco, CA
11. Spinal Cord Stimulation: Update on Clinical Efficacy, Spine Intervention Society 25th Annual Scientific Meeting, 07/2017, San Francisco, CA
12. Opioid Crisis: Crucial Next Steps, POLITICO Pro, 11/2017, Washington, D.C.
13. What I wish I Knew Then, American Society of Regional Anesthesiology and Pain Medicine 16th Annual Pain Medicine Meeting, 11/2017, Orland, FL
14. 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, 11/2017, Lake Buena Vista, FL
15. Prescription Opioids to Treat Painful Conditions, Michael Bloomberg Foundation, 01/2018, New York, NY
16. Pain Management – Using Opioids Wisely, MedStar St. Mary's Hospital Pain Lecture Series, 06/2018, Leonardtown, MD

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17. Battling the Opioid Epidemic with Clinical Communities: A Health System's Approach to Opioid Stewardship, Executive Business Intelligence Forum, 07/2018, Washington, D.C.
18. 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), 07/2018, Ann Arbor, MI
19. Monitor Patient Risk Factors, Use, and Provider Prescribing Patterns to Positively Affect Clinical Decision Making, World Congress Opioid Management Congress, 08/2018, Nashville, TN
20. Applying for Pain Medicine Fellowship, American Academy of Pain Medicine (AAPM), 11/2018, Vancouver, BC, Canada
21. Case Studies From Opioid Stewardship Programs: Create System-Wide Policies, Benchmarks, Evidence-Based Standards, and Quality Metrics, World Congress Opioid Management Summit, 03/2019, Washington, D.C.
22. Advanced Procedures for Pain Practice, Patient Selection, Performance, Documentation, and Billing, American Academy of Pain Medicine Annual Meeting, 03/2019, Denver, CO
23. Alternatives for Pain Management, St. Mary's County Health Department, 05/2019, California, MD
24. Dissecting An Epidemic: Lessons From the Opioid Crisis, American Chemical Society Middle Atlantic Regional Meeting, 05/2019, Baltimore, MD
25. Is the Crisis Over? A Look at Trends in Opioid Prescribing in the U.S., IQVIA (formerly Quintiles and IMS Health, Inc), 03/2021, Virtual
26. AAAPT Acute Abdominal and Peritoneal Pain After Surgery, The International Association for the Study of Pain Neuropathic Pain Special Interest Group (NeuPSIG) Pain Research Forum, 04/2021, Virtual
27. COVID Guidelines and Treating the Recovered Patient, American Academy of Pain Medicine, 04/2021, Virtual
28. Michigan Opioid Prescribing Engagement Network, Collaborative Quality Improvement Program Directors Forum, 07/2021, Ann Arbor, MI
29. Perioperative Opioid Use and Patient Risks, The Anesthesiology Annual Meeting 2021, 10/2021, San Diego, CA
30. The PROTECT Trial: Prescribing vs. Over-the-Counter Non-Opioids for Post-Discharge Pain, University of Michigan, East Ann Arbor Nursing Staff, 12/2021, Virtual
31. Optimizing Perioperative Pain: Opioids, Adjuvants, and Outcomes, Spectrum Health West Michigan Department of Anesthesiology, 02/2022, Virtual
32. Perioperative Pain Care Management and Coordination, 2022 Rx Drug and Abuse Summit, 04/2022, Atlanta, GA
33. Optimizing Pain Relief After Vascular Surgery for EVAR and CEA, BMC2 Vascular Surgery Physician Meeting, 05/2022, Traverse City, MI
34. 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
35. 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
36. 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, MI
37. Managing Buprenorphine on the Day of Surgery and in the OR, My Patient Needs Surgery But Needs Buprenorphine. What do I Need to Know?, American Academy of Orthopedic Surgeons (AAOS) & American Society of Regional Anesthesia and Pain Medicine (ASRA) webinar, 09/2022, Virtual
38. 1) Improving Medication Adherence after Surgery 2) Panelist: Healthy Behaviors: Medication Adherence, Michigan Value Collaborative (MVC) Fall 2022 Semi-Annual Meeting, 10/2022, Lansing, MI
39. 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

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40. 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
41. The Role of Anesthesiologists and Acute Care Prescribing in the Opioid Crisis, Boston Medical Center Department of Anesthesiology Grand Rounds, 01/2023, Virtual
42. Pain Essentials: Opioid Prescribing, Pain Treatment, and Practical Guidance, St. Joseph Regional Medical Center - Mishawaka, IN, 03/2023, Virtual
43. Aches and Gains: Strategies to Soothe Pain without Medications, Ascension St. John Hospital Internal Medicine Grand Rounds, 04/2023, Virtual
44. 1) OPEN to New Possibilities: The Role of Anesthesiologists in the Opioid Crisis 2) The Elephant in the Operating Room Substance Use Screening and Surgical Outcomes, 73rd Annual Postgraduate Symposium on Anesthesiology 2023, University of Kansas Medical Center, 04/2023, Kansas City, MO
45. Pearls and Pitfalls of Prescription Analgesics, Ascension St. John Hospital Internal Medicine Grand Rounds, 05/2023, Virtual
46. The Role of Anesthesiologists and Acute Care Prescribing in the Opioid Crisis, Canadian Anesthesiologists' Society Meeting, 06/2023, Quebec, Canada
47. Reducing Postoperative Opioid Dependence: Cultivating Comprehensive Pain Relief, Perioperative and Outpatient Management of Patients with Substance Use Disorders Virtual Symposium, American Society of Regional Anesthesia and Pain Medicine, 12/2023, Virtual
48. Unleashing the Dragon: Update on Impact of Relaxing of State Cannabis Laws, American Society of Addiction Medicine (ASAM) Pain & Addiction: Common Threads Course XXV, 04/2024, Dallas, TX
49. Forecasting the Future in Pain Research: Editors' Picks for 2024, 2024 Annual Scientific Meeting, US Association for the Study of Pain, 04/2024, Seattle, WA
50. Cannabis and Pain Management, Pain and Opioid Management ECHO by the University of Alaska, 04/2024, Virtual
51. Perioperative Pain Management and Care Pathways for Patients with Complex Opioid Use, MSQC, 12/2024, Virtual

Moderator

1. Identifying Research Gaps in Opioids Prescribing Guidelines for Acute Pain Management in Medical Indications, The National Academies of Medicine, 07/2019, Washington, D.C.
2. Medically Challenging Cases, American Society of Anesthesiologists (ASA) Annual Meeting, 10/2021, San Diego, CA
3. Medically Challenging Cases, American Society of Anesthesiologists (ASA) Annual Meeting, 10/2022, New Orleans, LA
4. Real-World Use and Implementation Of In-Home Opioid Disposal Systems, Defining and Evaluating In-Home Drug Disposal Systems for Opioid Analgesics- A Workshop, National Academy of Medicine, 06/2023, Washington, D.C.
5. Foundation for Anesthesia Education and Research (FAER)/Early Stage Anesthesia Scholars (ESAS): Resident Scholar Posters, ASA - Anesthesiology Annual Meeting, 10/2023, San Francisco, CA
6. Medically Challenging Cases, Perioperative Medicine, and MCC Facilitator, American Society of Anesthesiologists (ASA) Annual Meeting, 10/2023, San Francisco, CA

Panel

1. EPIC Integration and Institutional Clinical Data Warehouse, Consortium for Oral Health Research and Informatics (COHRI) Annual Meeting, University of Michigan School of Dentistry, 07/2013, Ann Arbor, MI
2. Synthesis Discussion, Defining and Evaluating In-Home Drug Disposal Systems for Opioid Analgesics- A Workshop, National Academy of Medicine, 06/2023, Washington, D.C
3. Perioperative and Outpatient Management of Patients with Substance Use Disorders Virtual Symposium, American Society of Regional Anesthesia and Pain Medicine, 12/2023, Virtual

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Other

1. Opioid Crisis, POLITICO Working Group, 10/2017, Washington, D.C.

Publications/Scholarship

(Co-First Author *; Corresponding author **; Co-Last author ***)

Peer-Reviewed

Journal Article

1. **Bicket MC**, Mitra A: Demographics and living arrangements of the minority elderly in the United States. *Applied Economics Letters*.16(10): 1053-1057, 08/2009
2. **Bicket MC**, Misra S, Wright SM, Shochet R: Medical student engagement and leadership within a new learning community. *BMC Med Educ*.10: 20, 02/2010. PM20187953
3. **Bicket MC**, Samus QM, McNabney M, Onyike CU, Mayer LS, Brandt J, Rabins P, Lyketsos C, Rosenblatt A: The physical environment influences neuropsychiatric symptoms and other outcomes in assisted living residents. *Int J Geriatr Psychiatry*.25(10): 1044-1054, 10/2010. PM20077498
4. Murphy JD, Gelfand HJ, **Bicket MC**, Ouanes J-PP, Kumar KK, Isaac GR, Wu CL: Analgesic efficacy of intravenous naloxone for the treatment of postoperative pruritus: a meta-analysis. *J Opioid Manag*.7(4): 321-327, 01/2011. PM21957831
5. Cohen SP, **Bicket MC**, Jamison D, Wilkinson I, Rathmell JP: Epidural steroids: a comprehensive, evidence-based review. *Reg Anesth Pain Med*.38(3): 175-200, 01/2013. PM23598728
6. **Bicket MC**, Gupta A, Brown CH, Cohen SP: Epidural injections for spinal pain: a systematic review and meta-analysis evaluating the "control" injections in randomized controlled trials. *Anesthesiology*.119(4): 907-931, 10/2013. PM24195874
7. **Bicket MC**, Gupta A, Brown CH, Cohen SP: Epidural Injections for Spinal Pain. *Survey of Anesthesiology*.58(4): 201-201, 08/2014
8. **Bicket MC**, Ritzl EK, Tamargo RJ, Mintz CD: Conversion of hemiblock to complete heart block by intraoperative motor-evoked potential monitoring. *A A Case Rep*.3(10): 137-139, 11/2014. PM25611986
9. **Bicket MC**, Chakravarthy K, Chang D, Cohen SP: Epidural steroid injections: an updated review on recent trends in safety and complications. *Pain Manag*.5(2): 129-146, 01/2015. PM25806907
10. **Bicket MC**, Horowitz JM, Benzon HT, Cohen SP: Epidural injections in prevention of surgery for spinal pain: systematic review and meta-analysis of randomized controlled trials. *Spine J*.15(2): 348-362, 02/2015. PM25463400
11. Ouanes J-PP, **Bicket MC**, Togioka B, Tomas VG, Wu CL, Murphy JD: The role of perioperative chewing gum on gastric fluid volume and gastric pH: a meta-analysis. *J Clin Anesth*.27(2): 146-152, 03/2015. PM25442242
12. Cohen SP, Hanling S, **Bicket MC**, White RL, Veizi E, Kurihara C, Zhao Z, Hayek S, Guthmiller KB, Griffith SR, Gordin V, White MA, Vorobeychik Y, Pasquina PF: Epidural steroid injections compared with gabapentin for lumbosacral radicular pain: multicenter randomized double blind comparative efficacy study. *BMJ*.350: h1748-h1748, 04/2015. PM25883095
13. **Bicket MC**, Mao J: Chronic Pain in Older Adults. *Anesthesiol Clin*.33(3): 577-590, 09/2015. PM26315639
14. **Bicket MC**, Hurley RW, Moon JY, Brummett CM, Hanling S, Huntoon MA, van Zundert J, Cohen SP: The Development and Validation of a Quality Assessment and Rating of Technique for Injections of the Spine (AQUARIUS). *Reg Anesth Pain Med*.41(1): 80-85, 01/2016. PM26655218
15. **Bicket MC**, Hanna MC: Intrathecal Pump Exposure to Electromagnetic Interference: A Report of Device Interrogation following Multiple ECT Sessions. *Pain Physician*.19(2): E343-E346, 02/2016. PM26815262

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16. **Bicket MC**, Simmons C, Zheng Y: The Best-Laid Plans of "Back Mice" and Men: A Case Report and Literature Review of Episacroiliac Lipoma. *Pain Physician*.19(3): 181-188, 03/2016. PM27008292
17. **Bicket MC**, Lester LC, Kroll CE, Brookman JC: Inadvertent administration of hypertonic saline during postoperative thoracic epidural patient-controlled epidural analgesia: A case report. *European Journal of Anaesthesiology*.33(8): 601-602, 08/2016. PM26909528
18. **Bicket MC**, Dunn RY, Ahmed SU: High-Frequency Spinal Cord Stimulation for Chronic Pain: Pre-Clinical Overview and Systematic Review of Controlled Trials. *Pain Med*.17(12): 2326-2336, 12/2016. PM28025366
19. **Bicket MC**, Kattail D, Yaster M, Wu CL, Pronovost P: An analysis of errors, discrepancies, and variation in opioid prescriptions for adult outpatients at a teaching hospital. *J Opioid Manag*.13(1): 51-57, 01/2017. PM28345746
20. Brat G, Agniel D, Beam A, Yorkgitis B, **Bicket MC**, Fox KP, Knecht D, Walraven C, Palmer N, Kohane IS: Post-Surgical Opioid Prescription Duration and the Association with Overdose and Abuse. *Journal of the American College of Surgeons*.225(4): e29-e29, 10/2017
21. **Bicket MC**, Long JJ, Pronovost PJ, Alexander GC, Wu CL: Prescription Opioid Analgesics Commonly Unused After Surgery: A Systematic Review, 11/2017. PM28768328
22. **Bicket MC**, Pasquina PF, Cohen SP: Which Regional Pain Rating Best Predicts Patient-Reported Improvement in Lumbar Radiculopathy?. *Pain Pract*.17(8): 1058-1065, 11/2017. PM28226408
23. Maher DP, Martins YC, Doshi T, **Bicket MC**, Zhang K, Hanna G, Ahmed S: Neuropathic Pain Medication Use Does Not Alter Outcomes of Spinal Cord Stimulation for Lower Extremity Pain. *Neuromodulation*.21(1): 106-113, 01/2018. PM28980364
24. Brat GA, Agniel D, Beam A, Yorkgitis B, **Bicket MC**, Homer M, Fox KP, Knecht DB, McMahonill-Walraven CN, Palmer N, Kohane I: Postsurgical prescriptions for opioid naive patients and association with overdose and misuse: retrospective cohort study. *BMJ*.360: j5790, 01/2018. PM29343479
25. McGinty EE, Stuart EA, Caleb Alexander G, Barry CL, **Bicket MC**, Rutkow L: Protocol: mixed-methods study to evaluate implementation, enforcement, and outcomes of U.S. state laws intended to curb high-risk opioid prescribing. *Implement Sci*.13(1): 37, 02/2018. PM29482599
26. Lin DH, Jones CM, Compton WM, Heyward J, Losby JL, Murimi IB, Baldwin GT, Ballreich JM, Thomas DA, **Bicket MC**, Porter L, Tierce JC, Alexander GC: Prescription Drug Coverage for Treatment of Low Back Pain Among US Medicaid, Medicare Advantage, and Commercial Insurers. *JAMA Netw Open*.1(2): e180235, 06/2018. PM30646077
27. Doshi TL, **Bicket MC**: Why Aren't There More Female Pain Medicine Physicians?. *Reg Anesth Pain Med*.43(5): 516-520, 07/2018. PM29634520
28. **Bicket MC**, Cohen SP: Lidocaine infusions and preventative analgesia: can the answer to our prayers be hiding right under our noses?. *Pain*.159(9): 1677-1678, 09/2018. PM29757887
29. Overton HN, Hanna MN, Bruhn WE, Hutfless S, **Bicket MC**, Makary MA, Opioids After Surgery Workgroup: Opioid-Prescribing Guidelines for Common Surgical Procedures: An Expert Panel Consensus. *J Am Coll Surg*.227(4): 411-418, 10/2018. PM30118896
30. Heyward J, Jones CM, Compton WM, Lin DH, Losby JL, Murimi IB, Baldwin GT, Ballreich JM, Thomas DA, **Bicket MC**, Porter L, Tierce JC, Alexander GC: Coverage of Nonpharmacologic Treatments for Low Back Pain Among US Public and Private Insurers. *JAMA Netw Open*.1(6): e183044, 10/2018. PM30646222
31. Adams MC B, **Bicket MC**, Murphy JD, Wu CL, Hurley RW: Opportunities and challenges for junior investigators conducting pain clinical trials. *Pain Rep*.4(3)01/2019. PM31372584
32. Sivanesan E, **Bicket MC**, Cohen SP: Retrospective analysis of complications associated with dorsal root ganglion stimulation for pain relief in the FDA MAUDE database. *Reg Anesth Pain Med*.44(1): 100-106, 01/2019. PM30640660
33. Murimi IB, Chang H-Y, **Bicket MC**, Jones CM, Alexander GC: Using trajectory models to assess the effect of hydrocodone upscheduling among chronic hydrocodone users. *Pharmacoepidemiol Drug Saf*.28(1): 70-79, 01/2019. PM30187574

34. Kuza CM, Harbell MW, Malinzak EB, Goff KL, **Bicket MC**, Ifeanyi-Pillette IC, Wong BJ, Khanna AK: Transition to Practice in Anesthesiology: Survey Results of Practicing Anesthesiologists on Their Experience. *J Educ Perioper Med*.21(2): E619, 01/2019. PM31988980
35. Alexander GC, Hogans BB, Tierce J, **Bicket MC**: Pain Management Curricula Within Health Professional Schools in the United States: A Landscape Analysis. 01/2019
36. Vermeulen LC, Eddington ND, Gouridine MA, Jorgenson J, Kvancz DA, Nesbit SA, **Bicket MC**, Zellmer WA, Hine A, Belford S, Peters SG, Hoffman JM, Schwab WE, Knoer S, Cosgrove DT, Kent SS, Clark JS: ASHP Foundation Pharmacy Forecast 2019: Strategic Planning Advice for Pharmacy Departments in Hospitals and Health Systems. *Am J Health Syst Pharm*.76(2): 71-100, 01/2019. PM30373935
37. **Bicket MC**, White E, Pronovost PJ, Wu CL, Yaster M, Alexander GC: Opioid Oversupply After Joint and Spine Surgery: A Prospective Cohort Study. *Anesth Analg*.128(2): 358-364, 02/2019. PM29677062
38. Brucher RE, Kurihara C, **Bicket MC**, Moussavian-Yousefi P, Reece DE, Solomon LM, Griffith SR, Jamison DE, Cohen SP: Compounded Topical Pain Creams to Treat Localized Chronic Pain: A Randomized Controlled Trial. *Ann Intern Med*.170(5): 309-318, 03/2019. PM30716769
39. Cohen SP, **Bicket MC**, Kurihara C, Griffith SR, Fowler IM, Jacobs MB, Liu R, Anderson White M, Verdun AJ, Hari SB, Fisher RL, Pasquina PF, Vorobeychik Y: Fluoroscopically Guided vs Landmark-Guided Sacroiliac Joint Injections: A Randomized Controlled Study. *Mayo Clin Proc*.94(4): 628-642, 04/2019. PM30853260
40. **Bicket MC**, Durbhakula S: One prescription for the opioid crisis: require buprenorphine waivers for pain medicine fellows. *Reg Anesth Pain Med*.08/2019. PM31387971
41. **Bicket MC**, Brat GA, Hutfless S, Wu CL, Nesbit SA, Alexander GC: Optimizing opioid prescribing and pain treatment for surgery: Review and conceptual framework. *Am J Health Syst Pharm*.76(18): 1403-1412, 09/2019. PM31505561
42. **Bicket MC**, Murimi IB, Mansour O, Wu CL, Alexander GC: Association of new opioid continuation with surgical specialty and type in the United States. *Am J Surg*.218(5): 818-827, 11/2019. PM31023548
43. Mun CJ, Letzen JE, Nance S, Smith MT, Khanuja HS, Sterling RS, **Bicket MC**, Haythornthwaite JA, Jamison RN, Edwards RR, Campbell CM: Sex Differences in Interleukin-6 Responses Over Time Following Laboratory Pain Testing Among Patients With Knee Osteoarthritis. *J Pain*.21(5-6): 731-741, 01/2020. PM31733364
44. **Bicket MC**, Grant MC, Scott MJ, Terman GW, Wick EC, Wu CL: AAAPT Diagnostic Criteria for Acute Abdominal and Peritoneal Pain After Surgery. *J Pain*.21(11-12): 1125-1137, 01/2020. PM32006701
45. Harris AB, Marrache M, Jami M, Raad M, Puvanesarajah V, Hassanzadeh H, Lee SH, Skolasky R, **Bicket MC**, Jain A: Chronic opioid use following anterior cervical discectomy and fusion surgery for degenerative cervical pathology. *Spine J*.20(1): 78-86, 01/2020. PM31536805
46. **Bicket MC**, Park JN, Torrie A, Allen ST, Weir BW, Sherman SG: Factors associated with chronic pain and non-medical opioid use among people who inject drugs. *Addict Behav*.102: 106172, 03/2020. PM31704433
47. Ardeljan LD, Waldfogel JM, **Bicket MC**, Hunsberger JB, Vecchione TM, Arwood N, Eid A, Hatfield LA, McNamara L, Duncan R, Nesbit T, Smith J, Tran J, Nesbit SA: Current state of opioid stewardship. *Am J Health Syst Pharm*.77(8): 636-643, 04/2020. PM32236455
48. **Bicket MC**, McGinty EE: Cannabis Use Disorder and Surgery: A Budding Problem?. *Anesthesiology*.132(4): 612-613, 04/2020. PM32053558
49. Jeffery MM, Chaisson CE, Hane C, Rumanes L, Tucker J, Hang L, McCoy R, Chen CL, **Bicket MC**, Hooten WM, Larochelle M, Becker WC, Kornegay C, Racoosin JA, Sanghavi D: Assessment of Potentially Inappropriate Prescribing of Opioid Analgesics Requiring Prior Opioid Tolerance. *JAMA Netw Open*.3(4): e202875-e202875, 04/2020. PM32293684
50. Marrache M, Harris AB, Raad M, Puvanesarajah V, Pakpoor J, **Bicket MC**, Hassanzadeh H, Jain A: Preoperative and Postoperative Spending Among Working-Age Adults Undergoing Posterior Spinal Fusion Surgery for Degenerative Disease. *World Neurosurg*.138: e930-e939, 06/2020. PM32251816

51. Stone EM, Rutkow L, **Bicket MC**, Barry CL, Alexander GC, McGinty EE: Implementation and enforcement of state opioid prescribing laws. *Drug Alcohol Depend.*213: 108107, 08/2020. PM32554171
52. Harris AB, Zhang B, Marrache M, Puvanesarajah V, Raad M, Hassanzadeh H, **Bicket MC**, Jain A: Chronic Opioid Use Following Lumbar Discectomy: Prevalence, Risk Factors, and Current Trends in the United States. *Neurospine.*17(4): 879-887, 12/2020. PM33401866
53. Marrache M, Harris AB, Puvanesarajah V, Raad M, Hassanzadeh H, Riley LH, Skolasky RL, **Bicket MC**, Jain A: Health Care Resource Utilization in Commercially Insured Patients Undergoing Anterior Cervical Discectomy and Fusion for Degenerative Cervical Pathology. *Global Spine J.*11(1): 108-115, 01/2021. PM32875850
54. McGinty EE, Tormohlen KN, Barry CL, **Bicket MC**, Rutkow L, Stuart EA: Protocol: mixed-methods study of how implementation of US state medical cannabis laws affects treatment of chronic non-cancer pain and adverse opioid outcomes. *Implement Sci.*16(1): 2, 01/2021. PM33413454
55. **Bicket MC**, Iyengar V, States L: Addressing Inequities in Older Adults' Health: A Role for Emerging Technologies. *JAMA Health Forum.*2(4): e210680, 04/2021. PM36218811
56. **Bicket MC**, Fu D, Swarthout MD, White E, Nesbit SA, Monitto CL: Effect of Drug Disposal Kits and Fact Sheets on Elimination of Leftover Prescription Opioids: The DISPOSE Multi-Arm Randomized Controlled Trial. *Pain Med.*22(4): 961-969, 04/2021. PM33576394
57. **Bicket MC**, Waljee J, Fernandez AC: Unintended Consequences From the 2016 US Centers for Disease Control and Prevention Guideline for Prescribing Opioids-Accelerating Change in Postoperative Prescribing. *JAMA Netw Open.*4(6): e2111997, 06/2021. PM34115134
58. **Bicket MC**, McQuade B, Brummett CM: Opioid Settlement Funds-Do Not Neglect Patients With Pain. *JAMA Health Forum.*2(8): e211765, 08/2021. PM36218717
59. Cramer JD, Gunaseelan V, Hu HM, **Bicket MC**, Waljee JF, Brenner MJ: Association of State Opioid Prescription Duration Limits With Changes in Opioid Prescribing for Medicare Beneficiaries. *JAMA Intern Med.*181(12): 1656-1657, 12/2021. PM34369965
60. Tormohlen KN, **Bicket MC**, White S, Barry CL, Stuart EA, Rutkow L, McGinty EE: The state of the evidence on the association between state cannabis laws and opioid-related outcomes: A review. *Curr Addict Rep.*8(4): 538-545, 12/2021. PM35668861
61. Schwenk ES, Gupta RK, **Bicket MC**: Association of opioid exposure before surgery with opioid consumption after surgery: An infographic. *Regional Anesthesia and Pain Medicine.*01/2022. PM35318260
62. Bandara S, **Bicket MC**, McGinty EE: Trends in opioid and non-opioid treatment for chronic non-cancer pain and cancer pain among privately insured adults in the United States, 2012-2019. *PLoS One.*17(8): e0272142, 01/2022. PM35947577
63. **Bicket MC**, Lin LA, Waljee J: New Persistent Opioid Use After Surgery: A Risk Factor for Opioid Use Disorder?. *Ann Surg.*275(2): e288-e289, 02/2022. PM35007229
64. Hyung B, **Bicket MC**, Brull R, Pazmino-Canizares J, Bozak D, Ladha KS: Prospective preference assessment for the Comparison of Analgesic Regimen Effectiveness and Safety in Surgery (CARES) trial. *Trials.*23(1): 195, 03/2022. PM35246214
65. McGinty EE, **Bicket MC**, Seewald NJ, Stuart EA, Alexander GC, Barry CL, McCourt AD, Rutkow L: Effects of State Opioid Prescribing Laws on Use of Opioid and Other Pain Treatments Among Commercially Insured U.S. Adults. *Ann Intern Med.*175(5): 617-627, 05/2022. PM35286141
66. **Bicket MC**, Gunaseelan V, Lagisetty P, Fernandez AC, Bohnert A, Assenmacher E, Sequeira M, Englesbe MJ, Brummett CM, Waljee JF: Association of opioid exposure before surgery with opioid consumption after surgery. *Reg Anesth Pain Med.*47(6): 346-352, 06/2022. PM35241626
67. **Bicket MC**, Waljee J, Hilliard P: Nonopioid Directives: Unintended Consequences in the Operating Room. *JAMA Health Forum.*3(6): e221356, 06/2022. PM36219013
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