PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF ANESTHESIOLOGY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH MANAGEMENT AND POLICY

Mark Bicket, M.D., Ph.D., assistant professor of anesthesiology, Department of Anesthesiology, Medical School, and assistant professor of health management and policy, Department of Health Management and Policy, School of Public Health, is recommended for promotion to associate professor of anesthesiology, with tenure, Department of Anesthesiology, Medical School, and associate professor of health management and policy, without tenure, Department of Health Management and Policy, School of Public Health.

Academic Degrees:
Ph.D.	2019	Johns Hopkins School of Public Health
M.D.	2010	Johns Hopkins School of Medicine
B.A.	2006	Economics, University of Oklahoma
B.A.	2006	Mathematics, University of Oklahoma

Professional Record:
2021-present	Assistant Professor, Department of Health Policy and Management, University of Michigan
2020-present	Assistant Professor, Department of Anesthesiology, University of Michigan
2015-2019	Assistant Professor, Department of Anesthesiology and Pain Medicine, Johns Hopkins University

Summary of Evaluation:

Teaching: Dr. Bicket teaches pain medicine fellows, anesthesiology residents, pharmacy residents, and internal medicine residents during patient care, formal didactic sessions, and informal teaching activities in the pain clinic, on acute pain service rounds, in the operating room, and the Post Anesthesia Care Unit (PACU). He also administers and provides feedback in practice oral board sessions for anesthesiology residents. Dr. Bicket has mentored four medical students, seven pain medicine, anesthesiology, and pharmacy residents, eight clinical fellows, and one faculty member. At a national level, Dr. Bicket has been asked to speak on opioid and non-opioid pain management. He has regularly engaged with the public in giving talks and presentations on the opioid crisis, ranging from small venues in rural areas to national audiences including speaking alongside two members of the U.S. House of Representatives on a POLITICO panel. He is the co-director of the Opioid Prescribing Education Network (OPEN) and is responsible for research mentoring. He is a co-author of a report to the National Institute on Drug Abuse (NIDA) called "Pain Management Curricula within Health Professional Schools in the United States: A Landscape Analysis."

Research: Dr. Bicket currently conducts clinical and claims-based research projects to examine patient, prescriber, and policy factors related to pain and prescription opioids. In his role as the co-director of OPEN, he works to improve opioid prescribing and pain management across the

State of Michigan by disseminating evidence-based opioid and pain management approaches. He is the co-director of Pain and Opioid Research in the department. He is the principal investigator of the PCORI-funded CARES trial (Comparing Analgesic Regimen Effectiveness and Safety), an international pragmatic randomized trial to examine the association between commonly prescribed treatments for postoperative pain with patient-reported outcomes at up to six months after surgery. Additionally, he is the co-investigator on an R01 from the National Institutes of Health. He has published 65 peer-reviewed publications, two book chapters, and one book. He has also had two visiting professorships, and 31 extramural invited speaking engagements, most of which are at national professional society meetings. He has a lengthy list of other media interviews related to his research which signals his reach beyond standard academic outlets for influencing the national dialog regarding the opioid crisis.

Recent and Significant Publications:

Bicket MC, Gunaseelan V, Lagisetty P, Fernandez AC, Bohnert A, Assenmacher E, Sequeria M, Englesbe M, Brummett C, Waljee JF, "Association of Opioid Exposure Before Surgery with Opioid Consumption After Surgery," *Reg Anes Pain Med*: Epub ahead of print, 2022. PMID: 35241626

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: 961-969, 2021. PMID: 33576394

Howard R, Brown CS, Lai YL, Gunaseelan V, Chua KP, Brummett C, Englesbe M, Waljee J, Bicket MC, "The Association of Postoperative Opioid Prescriptions with Patient Outcomes," *Ann Surg* Jun 4, 2021. PMID: 34091508

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: 358-64, 2019. PMID: 29677062

Bicket MC, Long JJ, Pronovost PJ, Alexander GC, Wu CL, "Prescription Opioid Analgesics Commonly Unused After Surgery: A Systematic Review," *JAMA Surg* 152: 1066-71, 2017. PMID: 28768328

Service: Institutionally, Dr. Bicket currently serves as a co-director of Opioid and Pain Research for the Department of Anesthesiology, where he provides mentorship to research projects by trainees and other faculty. Nationally, he has continuously served on committees for the American Society of Anesthesiologists, which include four standing committees and five ad-hoc committees. Dr. Bicket served as the early career liaison to the Board of Directors for the American Pain Society. He was one of seven members, and one of three physician members, appointed to an American Pain Society subgroup tasked to direct strategy and new initiatives for early career members of the society, which he later served as co-chair. He also co-chaired the 2019 Scientific Meeting Early Career Forum, a program focused on improving the skills of trainees and students in research related to pain. He served on the Annual Meeting Steering Committee for the American Academy of Pain Medicine, where he planned and organized portions of two annual meetings. He currently chairs the Acute (to Chronic) Pain Special Interest Group for the U.S. Association for the Study of Pain. Finally, Dr. Bicket serves as a voting member for the Anesthetic and Analgesic Drug Products Advisory Committee that reviews and approves all medications related to anesthesia and pain relief for the Food and Drug Administration.

Dr. Bicket has been an ad-hoc reviewer for 23 journals including *Pain*, *JAMA Open*, and the *Journal of Pain*. He is the associate editor of two journals, *Pain Medicine Journal* and *Regional Anesthesia and Pain Medicine*, and was on the study section for a Centers for Medicare and Medicaid Services (CMS) Quality Innovation Network (QIO) program. Dr. Bicket was a 2019 White House Fellow, which provided access to participation in important, policy-relevant service activities, writing reports and blogs related to that role. In 2021, he was awarded the "Top 10% of Journal Reviewers" from *Anesthesiology*. Internationally, he is a member of the International Associate for the Study of Pain.

External Reviewers:
Reviewer A: "Dr. Bicket has conducted high quality, extensive work in training the next generation of anesthesiologists and pain physicians. He is a dedicated educator…It is extremely challenging to balance clinical responsibilities with a commitment to mentoring, and his work needs to be commended. Furthermore, he has been an active member as Co-Director of the Opioid Prescribing Education Network and Director of the Pain and Opioid Research both at the University of Michigan. This work is a testament to his passion for the pain management field."

Reviewer B: "His research, and scholarly activities are clear indicators for his significant contribution to the field of Pain Medicine… His publications are high quality, address relevant questions to pain practitioners in different settings…Mark Bicket's body of scholarly activities puts him in the top percentile of academic scholars in the field of Pain Medicine."
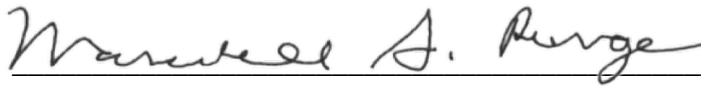
Reviewer C: "…I have emphasized Dr. Bicket's work repeatedly over the past several years, to thousands of health professionals in aggregate, in dozens of lectures delivered locally, nationally and internationally. These lectures relate to the North American opioid crisis in general, and the importance of opioid stewardship in particular… By drawing attention to the extent of excessive postoperative opioid prescribing…Dr. Bicket not only generated a citation classic (the paper has already been cited more than 400 times), he cast a much-needed light on a practice that, despite good intentions, harms millions of people worldwide each year in one way or another."

Reviewer D: "Perhaps the most outstanding and notable aspect of his career has been his work and accomplishments as a clinician-researcher, demonstrating scholarly ability and recognition…impressed by his honors and awards at the national and institutional level. He serves as an editorial board member in recognized anesthesia and pain journals and also serves as a reviewer for numerous other journals. As a primary or co-primary applicant, he has been successful in obtaining funding from several agencies including from the National Institute[s] of Health (NIH)…"

Reviewer E: "He is a leader in our field with a well-deserved national reputation…he is an excellent researcher and has pioneered the area of appropriate opioid prescribing for postoperative pain. He has several published papers in high-impact journals that have clearly influenced more rational prescription and monitoring of opioids in the perioperative timeframe…known as a wonderful clinician and teacher and he is relied upon to give many high-quality lectures in our field to trainees…has extensive service to the profession on a national level."

<u>Summary of Recommendation</u>:

Dr. Bicket is nationally recognized as an expert in the field of opioid prescribing and pain medicine. He is a well-respected scholar who has made substantial contributions to the field of anesthesiology and pain medicine. We are very pleased to recommend the promotion of Mark Bicket, M.D., Ph.D. to associate professor of anesthesiology, with tenure, Department of Anesthesiology, Medical School, and associate professor of health management and policy, without tenure, Department of Health Management and Policy, School of Public Health.

Marshall S. Runge, M.D., Ph.D.
Executive Vice President of Medical Affairs
Dean, Medical School

F. DuBois Bowman, Ph.D.
Dean, School of Public Health

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