



November 19, 2015

Linda Porter, Ph.D.
National Institute of Neurological Disorders and Stroke
National Institutes of Health
31 Center Drive
Bethesda, MD 20892

Re: Nomination to Interagency Pain Research Coordinating Committee

Dear Dr. Porter,

The American Society of Anesthesiologists (ASA), representing over 52,000 members, is pleased to nominate Chad M. Brummett, M.D., to the Interagency Pain Research Coordinating Committee (IPRCC) at the National Institutes of Health (NIH). ASA believes that Dr. Brummett possesses the necessary experience and expertise that the IPRCC seeks to advance pain care research.

Dr. Brummett is committed to a career of research, time in the clinic treating patients with pain and teaching future doctors. He is the Director of the Division of Pain Research and, more broadly, the Director of Clinical Research in the Department of Anesthesiology at the University of Michigan Medical School. He is also the Associate Chair of Faculty Affairs and Assistant Professor in the Department of Anesthesiology. At the University of Michigan, he leads an institution-wide initiative to create a biorepository for research of genetic factors associated with the development of disease and response to treatment. He holds positions on several institutional committees, including the Musculoskeletal Center Planning Committee, Biorepository Business Case Committee, Biorepository Pilot Implementation Committee and the Biorepository Governance Committee.

His research interests include predictors of chronic post-surgical pain as well as failure to derive benefit from interventions and surgeries done primarily for pain. In particular, Dr. Brummett is interested in the impact of a fibromyalgia-like or centralized pain phenotype on surgical outcomes and prediction of response to interventions for chronic pain (e.g. total knee and hip arthroplasty, hysterectomy, and facet interventions). Dr. Brummett was the first to describe the use of peripheral perineural dexmedetomidine, and his early research focused on the efficacy, safety and mechanisms of dexmedetomidine added to local anesthetics for peripheral nerve blocks. He has since translated that work to humans.

At present, he has several research grants where he is the principal investigator. Specifically, his projects are focusing on central nervous mechanisms in knee osteoarthritis, genomics, high-frequency nerve block for post amputation pain and centralized pain phenotype as a predictor of opioid non-responsiveness. Two of the research projects are being funded by R01s.

Dr. Brummett's clinical work includes pain medicine and anesthesiology— both acute pain medicine and regional anesthesia, as well as operating room anesthesia. In the clinic, he is very involved in teaching the fellows, anesthesia residents, interns and medical students. He staffs an outpatient pain clinic in the Division of Pain Medicine of the Department of Anesthesiology— the Back and Pain Center. At the Back and Pain Center, patient care activities are conducted with pain fellows, anesthesia residents, anesthesia interns, and medical students and Dr. Brummett mentors morning

weekly lectures. Dr. Brummett also staffs the inpatient acute pain service, where patient care includes administering regional anesthesia (peripheral nerve blocks, peripheral nerve catheters, epidurals), acute perioperative pain management, inpatient chronic pain management and cancer pain care. Dr. Brummett teaches in this portion of clinical care as well. Lastly, in the operating room, Dr. Brummett serves as a staff anesthesiologist at the University Hospital and East Ann Arbor Ambulatory Center.

Outside of the hospital, Dr. Brummett dedicates his time to providing editorial services for different medical journals and he belongs to many professional societies. He was previously involved with study sections for the U.S. Department of Veterans' Affairs— the Mental Health and Behavior VA Merit Review Panel and the Merit Review Panel for Clinical Trials. Currently, he is a member of the editorial board for the *Korean Journal of Pain*, a Senior Editor for *Regional Anesthesia and Pain Medicine* and an Associate Editor of *Anesthesiology*. He has served as a Guest Editor for Seminars in Anesthesia, Perioperative Medicine and Pain, *Dexmedetomidine: A Clinical Review* 25(2). Currently, he is an ad hoc reviewer for *SLEEP* and *Arthritis and Rheumatism*.

Dr. Brummett is a member of several national organizations, where he works towards further advancement of pain medicine research and training. These include the American Society of Anesthesiologists, Michigan Society of Anesthesiologists, American Society of Regional Anesthesia and Pain Medicine, International Association for the Study of Pain, International Anesthesia Research Society, and the Association of University Anesthesiologists. He holds a leadership role as a member of the American Society of Regional Anesthesia and Pain Medicine's (ASRA) Continuing Medical Education Committee, a governing committee of the organization.

If selected to serve on the IPRCC, Dr. Brummett is enthusiastically willing to serve and commit to the meetings required. ASA is pleased to have the opportunity to nominate Dr. Brummett to the IPRCC and hopes that the IPRCC will seriously consider his appointment. Dr. Brummett is a recognized researcher in pain medicine and will bring a broad expertise to the Committee. If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan Cole". The signature is written in a cursive, flowing style.

Daniel Cole, M.D.
President
American Society of Anesthesiologists