



American Society of
Regional Anesthesia and Pain Medicine

Faculty

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Scientific/Education Planning Committee

Kevin Vorenkamp, MD; 2017 Meeting Chair

Maxim Eckmann, MD; 2018 Meeting Chair

Andrea Nicol, MD, MS; 2019 Meeting Chair

Esther Benedetti, MD

Asokumar Buvanendran, MD (ex-officio President)

Bridget Calhoun, Dr PH, PA-C

Giovanna De Oliveira, PhD, ANP-C, RN

Vincent Chan, MD; Ex-Officio CME Committee

Marc Huntoon, MD; Ex-Officio Editor-in-Chief

Chad Parvus-Teichman, MD

Philip Peng, MD

David Provenzano, MD

Hariharan Shankar, MBBS

Wyndam Strodbeck, MD

Ricardo Vallejo, MD, 2016 Meeting Chair

Carlos Pino, MD; Ex-Officio CME Committee

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Asokumar Buvanendran, MD; Rush University Medical Center, Chicago, IL

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Afton Hassett, PsyD; University of Michigan, Ann Arbor, MI
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Associate Faculty

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Mark Bicket, MD; The Johns Hopkins Hospital, Baltimore, MD

Ronald Boeding, MD; iSpine Pain Physicians, Maple Grove, MN

Dalia Elmofty, MD; University of Chicago, Chicago, IL

Andrew Germanovich, MD; Restore Orthopedics and Spine, Irvine, CA

Maged Guirguis, MD; Ochsner Health System, Metairie, LA

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Renee Namisnak; Administrative Assistant

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Elizabeth Smith; Manager of Membership

Anne Snively, MBA, CAE; Manager of Communications

Nirmala Abraham, MD, is a fellowship trained, board-certified pain specialist. She is currently serving as the medical director for pain management services at Kettering and Sycamore Medical Centers with the



Kettering Health Network in Dayton, Ohio. [\[back to top\]](#)



Magdalena Anitescu, MD, PhD, Associate Professor of Anesthesiology and Critical Care is the program director for the Multidisciplinary Pain Medicine fellowship and the Section Chief of the Pain Management Services at the University of Chicago Medicine. An accomplished national and international educator, author of numerous textbook chapters and scientific papers, Dr. Anitescu focuses her research on improving quality of life of patients with acute, chronic and cancer pain by multimodal, multifaceted variate interventions. [\[back to top\]](#)



David Baker, MD, MPH, FACP, is Executive Vice President for Health Care Quality Evaluation at The Joint Commission and oversees development of standards, survey methods, national patient safety goals, and performance measures. He is also Editor-in-Chief for the Joint Commission Journal on Quality and Safety. Dr. Baker was the Chief of the Division of General Internal Medicine and Geriatrics at the Feinberg School of Medicine at Northwestern University from 2002-2015. He has published over 250 original research articles on quality measurement, quality improvement, and healthcare disparities. [\[back to top\]](#)

Anke Bellinger, MD, attended medical school at Witten-Herdecke in Germany. She moved to Iowa in 2001 and completed her anesthesia residency and pain fellowship at the University of Iowa Hospitals and Clinics in 2006. She continued to work as faculty at the University of Iowa Hospitals and Clinics and at the



VA Pain Clinic in Iowa City up to 2016. Currently she works at the Steindler Orthopedic Clinic and in her own Private Practice offering Functional Medicine for chronic pain conditions. [\[back to top\]](#)



Esther Benedetti, MD, FIPP, obtained her medical degree at the Escuela de Medicina Jose Maria Vargas and her anesthesia training at the Hospital Domingo Luciani (Universidad Central de Venezuela) in Caracas, Venezuela. In 2003, she obtained her Pain Medicine fellowship certification at the University of Vermont. She returned to Venezuela to work as a chronic pain specialist at the Instituto de Clínicas y Urología Tamanaco and the Centro Medico Docente La Trinidad. For nearly a decade, she worked at the University of Iowa, Department of Anesthesia as an Associate Clinical Professor, and received certification by the World Institute of Pain as a Fellow of Interventional Pain Practice. Since 2015, she joined the

University of Miami and now serves as the Chief of the Chronic Pain Medicine Division at the Bruce Carter Miami VA Healthcare System. [\[back to top\]](#)



Mark Bicket, MD, obtained his medical degree at the Johns Hopkins School of Medicine in Baltimore, completed an anesthesiology residency at Johns Hopkins, and pain medicine fellowship at Massachusetts General Hospital, Harvard Medical School. He is Assistant Professor of Anesthesiology & Critical Care Medicine at the Johns Hopkins School of Medicine. He researches opioid use after surgery and evidence summaries regarding interventional treatment for acute and chronic pain (@markbicket). [\[back to top\]](#)

Ronald Boeding, MD, is an interventional pain management physician, who is board certified and trained at the University of Virginia anesthesiology department's pain management fellowship. He has been practicing interventional pain management for the past 5 years and performs injections on all areas of the body. He has special interest in the use of spinal cord stimulation for the treatment of intractable pain- ranging from neuropathy due to diseases like diabetes, to low back or neck pain after spine surgery, and for complex regional pain syndrome. [\[back to top\]](#)



Stephen Bruehl, PhD, is a professor anesthesiology at Vanderbilt University Medical Center. He has published more than 130 scientific articles regarding pain, including CRPS, and has served as principal investigator on seven NIH-funded research grants. He was a member of the IASP committee that developed and validated the current IASP diagnostic criteria for CRPS. His ongoing work in CRPS includes projects focused on understanding genetic and oxidative stress mechanisms contributing to CRPS. [\[back to top\]](#)



Chad Brummett MD, is an associate professor at the University of Michigan since 2007 where he is the Director of Pain Research and more broadly, the Director of Clinical Anesthesia Research. He serves on the editorial boards for Anesthesiology and Regional Anesthesia and Pain Medicine. His research interests include predictors of acute and chronic post-surgical pain and failure to derive benefit for interventions and surgeries done primarily for pain. In particular, Dr. Brummett is interested in the impact of fibromyalgia-like or centralized pain phenotype on analgesic outcomes. [\[back to top\]](#)





Asokumar Buvanendran, MD, is an anesthesiologist specializing in Pain Medicine, and his academic activities are divided between research, teaching and clinical duties in the Rush University Department of Anesthesia (Chicago, IL USA), and national advocacy for the advancement of pain care. He brings a unique perspective of a very busy clinical practice of acute and chronic interventional pain medicine with research. He is involved in various clinical and basic research in the field of acute and chronic pain. At leisure time, enjoys playing tennis. [\[back to top\]](#)



Bridget Calhoun, Dr PH, PA-C, has been a physician assistant for 23 years and is currently the Chairman of the PA program at Duquesne University in Pittsburgh, PA. She earned a doctoral degree in public health in infectious diseases and microbiology and works clinically in HIV/AIDS research at the University of Pittsburgh Graduate School of Public Health. This is the second year Dr. Calhoun has been involved in planning the sessions for mid-level providers during the Fall ASRA meeting. [\[back to top\]](#)



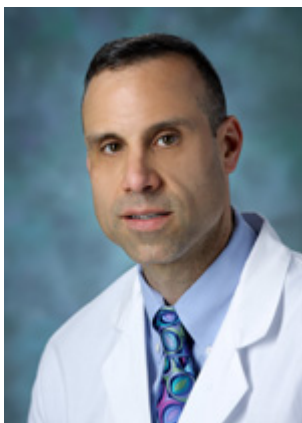
Aaron Calodney, MD, is Past President of the Texas Pain Society and Past President of the American Society of Interventional Pain Physicians (ASIPP). He has served on the board of the International Spine Intervention Society for many years and was Director of Education. Dr. Calodney is board certified in Anesthesiology and carries subspecialty certification in Pain Management through the American Board of Anesthesiology. Dr. Calodney earned his medical degree from the University of Missouri School of Medicine and completed a family medicine internship at St Joseph's Hospital in Syracuse, New York. His residency in anesthesiology and subsequent interventional pain management fellowship was completed at the University of Texas Health Science Center at Houston. He subsequently completed a fellowship in pediatric anesthesia at the Denver Children's Hospital. [\[back to top\]](#)



Peter Cheng, DO, completed his anesthesia residency and cardiothoracic anesthesia fellowship at the Los Angeles County-University of Southern California Medical Center and the Cleveland Clinic Foundation, respectively. Dr. Cheng became fascinated with the many revolutionary applications of ultrasound (US) to perioperative medicine, especially regional anesthesia and pain medicine. Having studied with many luminaries, he became engaged in developing new US-guided techniques for regional anesthesia and pain medicine. As a pain medicine physician, he soon found US to be an invaluable and practical tool to complement the clinical examination for diagnosing diseases, especially of the musculoskeletal and peripheral neurological systems. Hence, he has dedicated much of his effort to studying and promoting diagnostic US. At this symposium, he plans to share his insight and experience with US: diagnostic and interventional. [\[back to top\]](#)



Daniel Clauw, MD, is a Professor of Anesthesiology, Medicine and Psychiatry and Director, Chronic Pain and Fatigue Research Center at the University of Michigan. At the University of Michigan, he became the first Assistant and then Associate Dean for Clinical Research, and the first PI of the University of Michigan Clinical and Translational Sciences Award. [\[back to top\]](#)



Steven P. Cohen, MD, obtained his medical degree at the Mount Sinai School of Medicine in New York City, completed an anesthesiology residency at Columbia University, and a pain management fellowship at Massachusetts General Hospital, Harvard Medical School. He is Professor of Anesthesiology & Critical Care Medicine and Physical Medicine & Rehabilitation at the Johns Hopkins School of Medicine and Uniformed Services University of the Health Sciences. [\[back to top\]](#)



Wilson M. Compton, MD, MPE, is Deputy Director of the National Institute on Drug Abuse (NIDA) of the National Institutes of Health. NIDA supports most of the world's research on health aspects of drug abuse and addiction related to preventing drug abuse, treating addiction and addressing serious health consequences of drug abuse, including related HIV/AIDS and other conditions. Dr. Compton received his undergraduate education at Amherst College and his medical education at Washington University in St. Louis. Over his 25 year career, Dr. Compton has achieved multiple scientific accomplishments. He is author of more than 150 articles, including widely cited papers on the opioid

crisis; is an invited speaker at multiple high-impact venues, and has received multiple awards. Of note, Dr. Compton received the Health and Human Services Secretary's Awards for Meritorious Service in 2013 and Distinguished Service in 2014, and several awards from the FDA: Leveraging Collaboration Awards in 2012 and 2013 and a Cross-Cutting Award in 2017. [\[back to top\]](#)



Oscar de Leon-Casasola, MD, is the Senior Vice-Chair and Professor of Anesthesiology (Tenure Track), Department of Anesthesiology, and Professor of Medicine at the University at Buffalo, School of Medicine and Biomedical Sciences in Buffalo, NY. He is also Chief of the Division of Pain Medicine and Professor of Oncology at Roswell Park Cancer Institute in Buffalo. Dr. de Leon-Casasola was the Editor-in-Chief of the Journal Techniques in Regional Anesthesia and Pain Management from 2000 to 2011. He also served on the Editorial Board of Seminars in Pain Medicine, the Journal of the Spanish Society of Pain. [\[back to top\]](#)



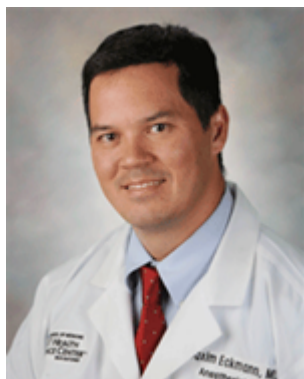
Giovanna De Oliveira, PhD, ANP-C, RN, earned both her BSN and MSN at Wayne State University in Detroit, Michigan. Mrs. De Oliveira has ten years of clinical work experience in interventional pain management in Tamarac, Florida. She was the lead nurse practitioner in her practice for several years, responsible of training other colleagues. As a nurse practitioner, she has also worked in other specialties such as primary care and mental health in Michigan and Texas. She is a member of the American Nurses Association, American Association of Nurse Practitioners, Sigma Theta Tau, among other nursing organizations. Currently she is a PhD in nursing

candidate at the University of Miami, Florida. Her dissertation is focused on analyzing the social determinants of major depressive disorder among Hispanic women. She had taught clinical nursing rotations and works as a research assistant for the university. In 2014, Mrs. De Oliveira was selected a

follow by the Substance Abuse and Mental Health Administration Minority Fellowship Program, with the American Nurses Association. [\[back to top\]](#)



Timothy Deer, MD, is the President and CEO of The Center for Pain Relief, Inc. in Charleston, West Virginia. Dr. Deer is the current President of the International Modulation Society (INS) and President of the West Virginia Society of Interventional Pain Physicians (WVSIPP). He has published extensively on a wide range of topics including injection techniques, intrathecal drug delivery, and spinal cord and peripheral nerve stimulation, as well as served tirelessly on many editorial boards. [\[back to top\]](#)



Maxim Eckmann, MD, is Associate Professor of Anesthesiology and Pain Medicine at the University of Texas Health Science Center at San Antonio (UTHSCSA), where he completed his Pain Fellowship in 2008. In 2011, he assumed directorship of the long standing UTHSCSA Pain Medicine Fellowship Program while also serving as the clinical director of the entire departmental pain enterprise. As a full time, academic physician, Dr. Eckmann practices actively in outpatient and hospital based interventional pain management, and has special interest in ultrasound, radiofrequency, and craniofacial blocks. [\[back to top\]](#)



Dalia Elmofty, MD, has been working at the University of Chicago for the past 7 years. During these years she has continued to commit her time towards the education of young physicians, residents, fellows, being involved in many hands on educational sessions at conferences locally, regionally and nationally. [\[back to top\]](#)



Steven Falowski, MD, is presently Director of Functional Neurosurgery at St. Lukes University Health Network in Bethlehem, PA with a practice specializing in neuromodulation. He is meeting chair and board of directors for the North American Neuromodulation Society(NANS), and a board member of the Congress of Neurological Surgeons Executive Pain Committee. His major focus in society and industry revolves around education, integration of specialties, and practice management. He is the course director of the annual NANS spinal cord stimulation/neuromodulation workshop that is the largest international course available and also serves as course director for the INS cadaver workshops. [\[back to top\]](#)



Roderick Finlayson, MD, is an associate professor in the department of anesthesia at McGill University. He completed his anesthesia residency at McGill University in 1996, and a fellowship in pain management in 1997. He is based at the McGill University Health center, where he is the director of interventional pain management and medical director of the chronic pain network. He is very active in the field of ultrasound research, where his main area of interest is the development and validation of new block techniques. [\[back to top\]](#)

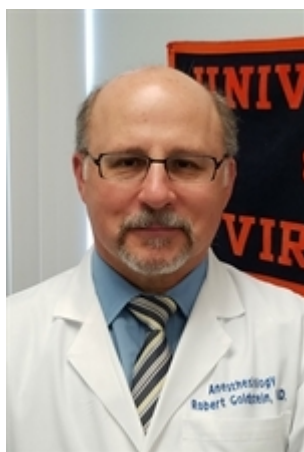


Andrea Furlan, MD, is an associate professor in the department of medicine at the University of Toronto and staff physician and scientist at the Toronto Rehabilitation Institute. She is also associate scientist at the Institute for Work & Health in Toronto. She completed a PhD in clinical epidemiology from the Department of HPME of the University of Toronto and has extensive experience in reviewing the scientific literature for the Cochrane Collaboration and for clinical practice guidelines. She received a CIHR New Investigator Award and her research focus is on treatments of chronic pain including medications, complementary and alternative therapies, and rehabilitation. She was the team leader for the development of the Canadian Opioid Guideline, and is now involved with Guideline's National Faculty in dissemination and implementation of the guideline across Canada. She developed the Opioid Manager, a point-of-care tool for physicians using opioids for chronic pain, which is available in many EMR

platforms and as an App for iPad/iPhone. Dr. Furlan is a co-Chair of Echo Ontario for Pain and Opioid Stewardship. [\[back to top\]](#)



Andrew Germanovich, MD, has an interest in the use of ultrasound, fluoroscopy and CT guidance for injections. He has particular interests in orofacial pain and pain stemming from abnormalities in posture, scoliosis, short leg syndrome, psoas syndrome, and slipping rib syndrome. Outside of work he enjoys weight lifting, mountain biking, surfing, hiking, hunting and deep sea fishing. [\[back to top\]](#)



Robert Goldstein, MD, Associate Professor of Anesthesiology and Pain Medicine, serves as medical director of the UVA Pain Management Center in Charlottesville, VA. After education at CWRU (Anesthesiologist Assistant), Medical College of Ohio at Toledo and Anesthesiology residency at Yale, he was in private practice for 15 years before joining the faculty of UVA (past 13 years). ABA board certification in anesthesiology, pain medicine and hospice and palliative medicine. He aspires to expand the role of pain medicine physicians in palliative medicine through education and practice. [\[back to top\]](#)

Jay Grider, DO, is the Associate Chief Medical Officer for UKHealthCare Ambulatory Services and the medical director for UKHealthCare Pain Services. He is active in the American Society of Regional Anesthesia and Pain Medicine, NANS and ASIPP. Additionally, he serves on national committees related to pain medicine in the American Academy of Pain Medicine and the American Society of Anesthesiologists. Dr. Grider has lectured nationally and internationally on topics related to neuromodulation, interventional techniques and opioid pharmacology for ASRA, ASIPP and the NANS. [\[back to top\]](#)



Yun Guan, MD, is an associate professor in the department of anesthesiology at Johns Hopkins University. The long-term goal of his research is to elucidate the neuronal mechanisms of chronic pain and develop better strategies and novel targets for treatment of chronic pain. Dr. Guan serves as PI on several industry and NIH-funded grants, and as editor in *Neuromodulation and Molecular Pain*, and grant reviewers at NIH and Department of Defense. Dr. Guan has published near 80 articles and reviews, and served as the director of Pain Research Core (PRC) at JHU since 2015. [\[back to top\]](#)



Padma Gulur, MD, is recognized for her work in acute and chronic pain management. Her research and practice focuses on the safe delivery of pain management services for high risk populations, including opioid tolerant and pediatric patients. Dr. Gulur is known for her development of pain assessment tools and her investigation of risk factors and risk reduction methodologies, utilized to improve patient outcomes. The goal of Dr. Gulur's practice and research is to improve the quality of life for her patients, especially for patients who are at high risk. [\[back to top\]](#)



Maged Guirguis, MD, serves as the director of research for the pain management department in Ochsner health system and the pain medicine

rotation director for The University of Queensland Ochsner Clinical School. He also serves as assistant clinical professor at LSU department of internal medicine, Section of Pain and PMNR. After completing a residency in internal medicine in his home country. He joined the Cleveland Clinic Foundation for a research fellowship in pain medicine before completing his residency in anesthesiology and clinical fellowship in pain management. Dr. Guirguis has published numerous papers and book chapters as well as presented various clinical trials at national and international meetings. He serves as teaching faculty in the American Society of Anesthesiology, North American Neuromodulation Society and the Interventional Headache Society. Also serves on both the educational and research committees for the International Neuromodulation Society. [\[back to top\]](#)



Afton Hassett, PsyD, is a psychologist and associate research scientist in the department of anesthesiology at the University of Michigan. As a principal investigator at the Chronic Pain & Fatigue Research Center, she conducts research related to exploring cognitive, affective and behavioral factors in chronic pain. Dr. Hassett is the President of the Association of Rheumatology Health Professionals (division of the American College of Rheumatology). Funding sources: National Institutes of Health, Happify Inc., Arthritis Foundation, Bristol-Myers Squibb, Pfizer Inc. and the University of Michigan. [\[back to top\]](#)



Salim Hayek, MD, is currently the Chief of the Division of Pain Medicine at University Hospitals and Professor in the Department of Anesthesiology at Case Western Reserve University. He is well published and serves on the editorial board of most pain journals. Dr. Hayek has had a number of service accomplishments at the local and national levels including being a member of the Board of Directors, North American Neuromodulation Society and a member, Council of Pain Physician Societies (CPPS). [\[back to top\]](#)

Lucy Hostetter, MD, completed her anesthesiology residency and regional anesthesia research fellowship at Virginia Mason Medical Center. Specializing in regional anesthesia and enhanced recovery after surgery (ERAS) strategies, Dr. Hostetter initiated peripheral nerve block programs at two different hospital systems in the Seattle area, leading to shorter hospital stays and improved patient satisfaction



scores. She is currently the Director of Regional Anesthesia at St. Francis Hospital in Federal Way, where she started the peripheral nerve catheter program for orthopedic and podiatry cases and implemented ERAS protocols for spine surgery. She is a co-author of the Epidural and Spinal Anesthesia chapter in the 7th edition of Clinical Anesthesia and conducts lectures and workshops in regional anesthesia around the country. [\[back to top\]](#)



Marc Huntoon, MD, is Editor-In-Chief of Regional Anesthesia and Pain Medicine. He currently is a Professor of Anesthesiology and Director of Pain Management at the VCU Neuroscience, Orthopaedic and Wellness Center, Virginia Commonwealth University in Richmond VA. [\[back to top\]](#)



Michael Iadarola, PhD, obtained his PhD in Pharmacology and is presently a senior research scientist in department of perioperative medicine, Clinical Center, NIH. His investigations focus on translational approaches to new pain treatments and on the fundamental molecular biology of pain sensing neurons and their response to acute and persistent pain. [\[back to top\]](#)



Leonardo Kapural, MD, is Professor of Anesthesiology, Wake Forest University School of Medicine and Carolinas Pain Institute. Dr. Kapural's interests include spinal cord stimulation and visceral abdominal pain. Dr. Kapural's experience is broad and encompasses teaching and clinical education, extensive research, and innovations in the area of pain treatments which brought him two Innovator Awards. His noteworthy research findings have been published in more than 100 journal articles, 100 abstracts, two books and 20 book chapters. He is listed by his peers in the 'Best Doctors of America.' [\[back to top\]](#)



David Kennedy, MD, is a clinical associate professor and the PM&R Residency Program Director at Stanford University where his practice focuses on non-operative and interventional spine. He completed his residency in physical medicine and rehabilitation at the University of Washington in Seattle where he served as Chief Resident, and then a spine and sports fellowship at the Rehabilitation Institute of Chicago. He currently serves as the Treasurer on the Board of Directors for the Spine Intervention Society. He is also on the Board of Governors for the American Academy of Physical Medicine and Rehabilitation.

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Evan Kharasch, MD, PhD, is the Russell and Mary Shelden Professor of Anesthesiology, and Professor of Biochemistry and Molecular Biophysics, at Washington University in St. Louis. He also holds appointments in the Washington University Pain Center and the Siteman Cancer Center. He is the founding director of The Center for Clinical Pharmacology, a joint venture between the St. Louis College of Pharmacy and Washington University in St. Louis. [\[back to top\]](#)



Immanuel Lerman, MD, is an assistant professor at the University of California San Diego, School of Medicine (UCSD) within department of Anesthesiology. He currently directs the Interventional Ultrasound Division at the Center for Pain Medicine at UCSD while also teaching advanced ultrasound techniques to fellows, residents and medical students. Dr. Lerman's research lab explores the mechanisms and efficacy of advanced neuromodulation techniques on pain, headache, stress and mental health disorders. [\[back to top\]](#)

Eli Loch, DO, is a graduate of Lake Erie College of Osteopathic Medicine and completed his fellowship and residency at Shands Hospital at the University of Florida. He is board certified in anesthesiology and pain medicine by the ABA. Dr. Loch has served on several committees for the ASA and is also a member of ASIPP and the North American Spine Society. He is in private practice in northeast Florida. [\[back to top\]](#)



Timothy Lubenow, MD, Professor of Anesthesiology at Rush University Medical Center. He has many awards including: Castle Connolly Guide to “Top Doctors in the Nation” New York Times 2010, 70 of the Best Pain Management Physicians in America Beckers ASC Review 2011, U.S. News Top Doctors, selected by U.S. News Media Group 2011, Patients’ Choice Award” by PatientsChoice.org. 2012, Distinguished Service Award Illinois Society of Anesthesiologists 2013, Selected Chicago Super Doctors 2013, and Chicago Top Doctors 2014, 2015, 2016. [\[back to top\]](#)



Smith Manion, MD, performed his residency at the University of Iowa where he was chief resident his last year. He transitioned to Massachusetts General Hospital for a fellowship in pain medicine and then returned home to Kansas City and joined the University of Kansas Health System. He is currently an Associate Professor and works as an interventional pain medicine specialist in the KU Spine Center. He enjoys teaching residents and fellows and is actively involved in clinical research. [\[back to top\]](#)



Edward Mariano, MD, graduated from Georgetown University School of Medicine, completed his anesthesiology residency at Stanford University Medical Center, and completed his pediatric anesthesiology fellowship at Stanford University Medical Center/Lucile Packard Children’s Hospital with emphasis on clinical investigation and regional anesthesiology and acute pain medicine for children. He joined the Department of Anesthesiology at the University of California, San Diego (UCSD), in 2004, where he started UCSD’s training program in Regional Anesthesiology and served as Division Chief of Regional Anesthesia and Acute Pain Medicine until 2010. He is currently an Associate Professor of



Anesthesiology, Perioperative and Pain Medicine at Stanford University School of Medicine with a Masters of Advanced Studies Degree in Clinical Research. He is board-certified in anesthesiology and pediatric anesthesiology and currently serves as Chief of the Anesthesiology and Perioperative Care Service, Associate Chief of Staff for Inpatient Surgical Services at the Veterans Affairs Palo Alto Health Care System, and Co-Director of the Stanford Regional Anesthesiology and Acute Pain Medicine Fellowship Program. He has served on various committees of ASRA including Chair of the 38th Annual Regional Anesthesiology and Acute Pain Medicine Meeting Scientific/Education Planning Committee and Editor of ASRA News. [\[back to top\]](#)



Marte Martinez, MD, is board certified in anesthesiology and pain medicine by the American Board of Anesthesiology. Dr. Martinez completed his medical training in Dallas, Texas at the University of Texas Southwestern Medical School. Dr. Martinez studied and trained in anesthesiology at the Oklahoma University Health Sciences Center in Oklahoma City, Oklahoma. Dr. Martinez has served as the national resident member to the Chronic Pain Management committee for the American Society of Anesthesiology. Dr. Martinez studied at the University of Texas health Sciences Center at San Antonio where he completed his Interventional Pain Management Fellowship training. Dr. Martinez has served as an educator for Dannemiller teaching vertebral

augmentation techniques. [\[back to top\]](#)



Sharon Merrick , MS, CCS-P, has been with the ASA since 2001 and serves as Director of Payment and Practice Management. In this role, Sharon is dedicated to advancing the interests of anesthesiologists in all payment and practice management issues. She provides expertise to ASA members, committees, leaders and staff on practice management matters and on current and future payment models effecting both the public and private sectors. Sharon serves as staff lead for ASA's MACRA related activities. She directs ASA's activities in the AMA CPT Editorial Panel and the AMA/Specialty Society RVS Update Committee. [\[back to top\]](#)



Jonathan Miller, MD, FAANS, FACS, is Associate Professor/Vice Chair and Director of the Functional and Restorative Neurosurgery Center at University Hospitals Cleveland Medical Center/Case Western Reserve University in Cleveland, Ohio, where he also holds the George R. and Constance P. Lincoln Endowed Chair. He completed residency at Case and fellowship training in functional neurosurgery at Oregon Health & Science University. He has published over 100 peer-reviewed papers and has received 15 national awards.

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Maged Mina, MD, as Chief Resident at UTHSC in Houston in 2000, Dr. Mina was elected as best resident for regional anesthesia. He has been Chief of Anesthesia at South Texas Spine Hospital since 2007. Dr. Mina has assisted with numerous ultrasound guided courses for chronic pain. He is currently adjunct faculty with UTHSC San Antonio, writing four chapters on pediatric pain in a textbook for the department. He has extensive work experience with chronic Pediatric pain in collaboration with pediatric orthopedic surgeons particularly Pediatric CRPS.

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Ameet Nagpal, MD, is a board certified PM&R and pain medicine physician who is an assistant professor of anesthesiology at UT Health San Antonio. He is Associate Program Director of the Pain Medicine Fellowship and Medical Director of the UT Health SA Pain Medicine Clinic. He has an M.S. in Biophysics from Georgetown University and an M.Ed. in Health Care Curriculum & Instruction from the University of Houston. Dr. Nagpal speaks regularly at national meetings, including the annual meetings of AAPM&R, ASA, ASRA, and the Dannemiller Pain Medicine Review Course. [\[back to top\]](#)



Samer Narouze, MD, PhD, is Clinical Professor of Anesthesiology and Neurological Surgery at Ohio University and Ohio State University OSU. He is board certified in Anesthesiology, Pain Medicine, as well as Neurology Headache Medicine. He is the chairman of the Center for Pain Medicine at Western Reserve Hospital in Cuyahoga Falls, Ohio. Dr. Narouze is on the board of directors for the American Society of Regional Anesthesia and Pain Medicine (ASRA). He recently founded the American Interventional Headache Society (AIHS) and he serves in many committees for national and international

headache and pain organizations. He has published about 200 research papers, review articles, book chapters, and abstracts. He frequently speaks and serves as a visiting professor both nationally and internationally. [\[back to top\]](#)



Andrea Nicol, MD, completed her residency in anesthesiology at the University of California Los Angeles (UCLA), then trained in pain medicine at the same institution. Concurrently with fellowship training, Dr. Nicol conferred a Master's in Science in Clinical Research through the UCLA Department of Biomathematics. Currently, she is an Assistant Professor at the University of Kansas School of Medicine where her clinical responsibilities include chronic pain and her research interests include fibromyalgia, centralized pain syndromes, and mechanisms of the chronification of pain. [\[back to top\]](#)



Chad Parvus-Teichman, MD, is a resident physician and the Chair of the ASRA Resident Section Committee. Dr. Parvus-Teichmann earned a BA in Journalism from Penn State University and later graduated summa cum laude with a BS in Biological Sciences from Florida International University. He obtained his medical degree from the University of Miami Miller School of Medicine and is completing his residency training in anesthesiology at Jackson Memorial Hospital & the University of Miami. [\[back to top\]](#)



Philip Peng, MBBS, is a professor in the Department of Anesthesia of University of Toronto. He is the director of the anesthesia chronic pain program of University Health Network, the largest teaching hospital of Canada. He has played an important role in the education of the pain medicine and established major teaching courses for Pain in Canada. Royal College of Physicians and Surgeons of Canada (RCPSC) honored him with Founder designation in Pain Medicine for his role in establishing Pain Medicine subspecialty in Canada. [\[back to top\]](#)



Joseph Perz, DrPH, MA, is a healthcare epidemiologist and team leader with CDC's Division of Healthcare Quality Promotion, based in Atlanta, Georgia. Dr. Perz earned his Doctorate in Public Health at Columbia University and then served as an Epidemic Intelligence Service Officer with the Tennessee Department of Health. Dr. Perz has guided dozens of outbreak investigations and special studies, drawing attention to the need for better implementation and oversight of infection control practices in ambulatory care settings. [\[back to top\]](#)



Jeffrey Petersohn, MD, holding a B.A. in Biophysics from Johns Hopkins University and M.D. from Hahnemann Medical College, Dr. Jeffrey Petersohn undertook post-graduate training in Internal Medicine and in Anesthesiology before entering private practice of Anesthesiology and Interventional Pain Medicine. He returned to the Hahnemann residency seven years ago as Clinical Associate Professor and enjoys teaching and clinical research. [\[back to top\]](#)



Carlos Pino, MD, is the Chair of the Scientific/Education Planning Committee of ASRA's 14th Annual Pain Medicine Meeting. He is also Director of the Center for Pain Medicine and Associate Professor in the Department of Anesthesiology at the University of Vermont College of Medicine in Burlington. He formerly served as program director of the pain medicine fellowship at the University of Vermont. He received his Bachelor's degree in Biochemistry from the University of California, San Diego and his Doctor of Medicine degree from the University of Chile School of Medicine. He completed residency training in anesthesiology in Chile and the United States and a fellowship in Pain Medicine in 2002. Dr. Pino combines academic medicine with a busy clinical practice. His research

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Advisory Council to the Vermont Department of Health, the Vermont Society of Anesthesiology, the American Society of Anesthesiology, and the American Board of Anesthesiology. [\[back to top\]](#)



Jason Pope, MD, is President of Summit Pain Alliance in Santa Rosa, CA. He received his Bachelor's Degree in Chemistry from Purdue University and his Medical Degree from the Indiana University School of Medicine. He completed his Residency in Anesthesiology at the Vanderbilt University Medical Center in Nashville, TN, and a Fellowship in Pain Medicine at the Cleveland Clinic, where he served as Associate Staff. Dr. Pope was as a Fellow to the House of Representatives Energy and Commerce Subcommittee on Health and the WV Pharmacy Board Advisory Panel of Controlled Substances and Opioid Prescribing. He is Secretary of the California Society of Interventional Pain

Physicians. He is a Director at Large for the North American Neuromodulation Society and co-Chair of the Neuromodulation Special Interest Group for ASRA. [\[back to top\]](#)



Matthew Popovich, PhD, is ASA's Director of Quality and Regulatory Affairs (QRA) and he is based in Washington, DC. Matt joined ASA in May 2013 and focuses on measure development and implementation in CMS payment programs. He and members of Quality and Regulatory Affairs, engage, support and assist members on quality reporting programs and regulatory issues that impact members and the profession. [\[back to top\]](#)

David Provenzano, MD, is the President of Pain Diagnostics and Interventional Care. He received his undergraduate degree from Colgate University where he graduated Magna Cum Laude and became a Phi Beta Kappa member. He received his medical degree from the University of Rochester School of Medicine and Dentistry. He completed a surgical internship at Thomas Jefferson University Hospital and a residency in anesthesiology at The Western Pennsylvania Hospital. He completed a Pain Management Fellowship at the Dartmouth Hitchcock Medical Center. He serves on the Board of Directors of ASRA. He has extensive interests and expertise in the conservative treatment of pain originating from the cervical



and lumbar spine, neuromodulation, and the use of ultrasound for interventional pain management procedures. [\[back to top\]](#)



Manuka Rana, MD, is Associate Professor in the Department of Anesthesiology and Critical Care at the University of Chicago. He was previously the Director of Pain Management at Advocate Illinois Masonic Medical Center in Chicago. He completed medical school at Sidney Kimmel Medical College of Thomas Jefferson University in Philadelphia. His surgery internship was at the Cleveland Clinic Foundation and his anesthesiology residency was at The Hospital of the University of Pennsylvania. Dr. Rana completed a Pain Medicine Fellowship at McGaw Medical Center at Northwestern University in Chicago. Dr. Rana has lectured nationally and internationally on topics in anesthesiology and in interventional pain management. [\[back to top\]](#)



James Rathmell, MD, is currently Professor of Anesthesia at Harvard Medical School and Chair and Chief of the Department of Anesthesiology, Perioperative and Pain Medicine at Brigham and Women's Hospital. He devotes his time to his clinical practice, research, and education. Dr. Rathmell's research has included a mixture of investigator-initiated and industry-sponsored trials examining the effectiveness of new and emerging treatments for pain. He lectures widely internationally and has delivered hundreds of lectures to students, medical professionals, and members of the public. Dr. Rathmell currently serves as a Director of the American Board of Anesthesiology and an Executive Editor for Anesthesiology. He has published extensively, including the recent second edition of his Atlas of Image-Guided Intervention in Regional Anesthesia and

Pain Medicine. [\[back to top\]](#)



Keith Rawlinson, PA-C, graduated from the University of Florida PA program in 1990. He worked in Cardiovascular and Thoracic surgery group in Jax, Florida for 10 years. Has done pain management with several groups in Jax, Florida for the past 15 years. He's been with Coastal Spine and Pain Center for the past 6 years and has managed Medtronic pumps for 15 years. He previously managed 250 pump patients at Jax Spine Center and now manages 150 pump patients at Coastal Spine and Pain center in Fernandina Beach, Florida. [\[back to top\]](#)



Richard Rosenquist, MD, is the 2015 John J. Bonica Award recipient and lecturer. He is Chairman of the Pain Management Department at the Cleveland Clinic. He is also Past-President of ASRA, serving from 2005-2007. He is currently a member of ASRA's Finance Committee. He currently serves as Chair for the ASA Committee on Pain Medicine and is a member of the ASA Committee on Economics and ASA RUC Advisor. He currently serves as Chair of the American Board of Anesthesiology Pain Medicine Examination Committee and the Accreditation Council for Graduate Medical Education's Anesthesiology Residency Review Committee and Task Force on the Regional Anesthesiology and Acute Pain Fellowship. Dr. Rosenquist has published 67 peer-reviewed publications, 18 book chapters, and 20 abstracts. He has given more than 440 presentations at local, national, and international meetings. [\[back to top\]](#)



John C. Rowlingson, MD, attended Allegheny College in Meadville, PA (known for Dad's dog food and Talon zippers) and then the State University of New York at Buffalo School of Medicine (known for brutal winters). He interned at the Millard Fillmore Hospital and attended the University of Virginia (UVA) for his Anesthesiology residency in 1975. He had the unique opportunity to work with Dr. Harold Carron, a Founding Father of ASRA, as a resident and to do a year's fellowship in pain medicine. He benefited from abundant opportunities to work in acute and chronic pain, regional anesthesia and analgesia, and the operating room at UVA. He founded the Acute Pain Service at UVA in 1987 and directed the Pain Management Center and the pain fellowship at UVA. He was promoted to Tenured Professor, named for his esteemed colleague and officemate, Cosmo A. DiFazio (a Past President himself of ASRA). It has been his distinct pleasure to serve ASRA from the earliest days, as Dr. Carron told him he was going to help him with the programs! His first meeting was in

1978, and he's hardly ever missed one since. He had the opportunity to serve on many committees within ASRA and served as President in the mid-1990's. He has been on the Editorial Board of *Regional Anesthesia and Pain Medicine* for many years, as well as that of other journals. In 2007, he won the ASRA Distinguished Service Award and the John J. Bonica award. In 2015, he received the Gaston Labat Award. [\[back to top\]](#)



Dawood Sayed, MD, is the Program Director of the Pain Fellowship at the University of Kansas. Clinical interests in Neuromodulation, vertebral augmentation, and minimally invasive spine. [\[back to top\]](#)



Shalini Shah, MD, completed her residency in Anesthesiology from NYP-Cornell University and a combined fellowship in Adult and Pediatric Chronic Pain at Brigham and Women's Hospital, Beth Israel Deaconess and Children's Hospital of Boston, Harvard Medical School. She is currently an Assistant Professor at the University of California, Irvine and serves as Director of Pediatric Pain Services and Co-Director of the Pain Medicine Fellowship Program. She is the recipient of the ASRA Chronic Pain Grant Award in 2017 for her work in onabotulinumtoxinA (BOTOX®) use in pediatric migraine pain. She currently leads several industry and peer-reviewed funded clinical trials in pediatric and adult pain medicine. Dr. Shah currently serves as the Chair of the Committee of Pain Medicine at the California Society of Anesthesiologists. [\[back to top\]](#)

Hariharan Shankar, MBBS, is Board certified in Anesthesiology and Pain medicine. He is the Director for the Pain Medicine fellowship program at the Medical College of Wisconsin and the Director of the Pain clinic at the Zablocki VA Medical Center in Milwaukee. He has received many "Teacher of the Year" awards, is one of the pioneers in the use of ultrasound imaging, and lectures nationally and



internationally. He has to his credit many abstracts, book chapters, review articles, and peer-reviewed publications. [\[back to top\]](#)



Todd Sitzman, MD, is medical director of Advanced Pain Therapy, a comprehensive pain clinic located in Hattiesburg, Mississippi. He is an active member of numerous national and international pain societies: president-elect, North American Neuromodulation Society (NANS); past president, American Academy of Pain Medicine (AAPM), Southern Pain Society, MS Pain Society, MS Society of Interventional Pain Physicians. He received his medical degree from Tulane University School of Medicine and postgraduate training at the University of Pennsylvania and the University of Virginia. [\[back to top\]](#)



Dmitri Souza, MD, earned his medical degree in 1987 and Doctor of Science degree in 2000. He graduated from the anesthesiology residency program at Yale University School of Medicine in Connecticut; from the internal medicine residency at Good Samaritan Hospital of Maryland, which is affiliated with Johns Hopkins University; and from the pain medicine program at Cleveland Clinic. He served as a medical director of the Pain Medicine Center at South Pointe Hospital at the Cleveland Clinic. He has authored numerous publications related to use of ultrasonography in pain management. He serves as a Clinical Professor at Ohio University, a Faculty and a Board Director at national physician symposia. [\[back to top\]](#)

Michael Stanton-Hicks, MD, now retired and working as a consultant at Cleveland Clinic, continues to pursue his interests in Complex Regional Pain Syndrome and innovations related to neuromodulation. With over 170 published articles in Peer-reviewed papers and textbooks, Dr. Stanton-Hicks is on a number of editorial boards and is a reviewer of scientific articles for publication in many scientific journals. Dr. Stanton-Hicks is the recipient of many awards for his service to professional societies. He



maintains a busy clinical and surgical practice and is advisor to the Industrial Commission and Agency for Health Technology. [\[back to top\]](#)



Wyndam Strodbeck, MD, serves as the section head of the Acute Pain Service and Associate Chief Medical Informatics Officer at Virginia Mason Medical Center in Seattle, WA. Dr. Strodbeck is active with educational events with both ASRA and ASA. His major areas of interest involve quality improvement in acute postoperative pain management as well as neuromodulation and cancer pain. [\[back to top\]](#)



Reda Tolba, MD, is An Assistant Professor and Program Director of Pain Medicine Fellowship at Ochsner Health System, New Orleans. He is currently serving as a member of the ASA committee on Pain Medicine and ASA Educational Track Subcommittee on Pain Medicine. He also serves on committees for the North American Neuromodulation Society (NANS) and International Neuromodulation Society (INS). Dr.Tolba completed his residency training in Anesthesia followed by Fellowship in Pain Medicine at the Cleveland Clinic, Ohio. He is actively involved in residents and fellows education and clinical research. He has published numerous papers and book chapters in the field of pain medicine. His special interests are the use of neuromodulation for

the treatment of neuropathic pain. He is also interested in the management of vertebral compression fractures". [\[back to top\]](#)

Ricardo Vallejo, MD, is the Director of Research at Millennium Pain Center and an adjunct professor at Illinois State University and Wesleyan University. He earned his MD from Columbia University and his PhD in Immunology at Complutense University in Madrid, Spain. He also has a Pain Medicine degree from Harvard. He was chief resident in Anesthesiology at the University of Miami. He is ABA board certified in Anesthesiology and Pain Medicine. He is the Chief Editor of Techniques in Regional Anesthesia and Pain



Management, Associate Editor of Pain Practice, and a member of the Editorial boards of Clinical Journal of Pain, Pain Physicians, Journal of Opioid Management, and Revista Mexicana de Anestesiología. Dr. Vallejo serves on the Examination board for the World Institute of Pain and the American Board of Interventional Pain Physicians. He has published extensively and is an international speaker. [\[back to top\]](#)



Eugene Viscusi, MD, is Professor of Anesthesiology and Director of Acute Pain Management in the Department of Anesthesiology at Thomas Jefferson University in Philadelphia, PA. He received his medical degree from Jefferson Medical College and completed an anesthesiology residency at the University of Pennsylvania in Philadelphia. Dr. Viscusi developed a novel, nurse-driven model for acute pain management with specially trained nurses in the early 1990s that has served as a model for healthcare delivery. Dr. Viscusi has lectured extensively and contributing more than 75 peer-reviewed articles in journals including JAMA, Anesthesiology, Anesthesia & Analgesia, and Regional Anesthesia and Pain Medicine. He currently serves on the editorial board of Regional Anesthesia and Pain Medicine, the Clinical Journal of Pain, and the American Journal of Orthopedics. Dr. Viscusi has served on the ASRA Board of Directors since 2011, currently serving as Treasurer. Dr. Viscusi is also an avid musician, is a specialist in early music, and performed and conducted in the Philadelphia area until the late 1990s. [\[back to top\]](#)



Kevin Vorenkamp, MD, serves as the director of the Pain Medicine Fellowship at Virginia Mason Medical Center in Seattle, WA. Dr. Vorenkamp is active with ASRA and ASA and will be the program chair for the ASRA 2017 pain medicine meeting. He was elected to the American Medical Association's Current Procedural Terminology editorial panel beginning May 2015. His major areas of interest involve interventional pain treatments targeting facial pain, cervicogenic headache, and sacroiliac joint pain as well as issues related to pain medicine coding, compliance, and practice management. [\[back to top\]](#)

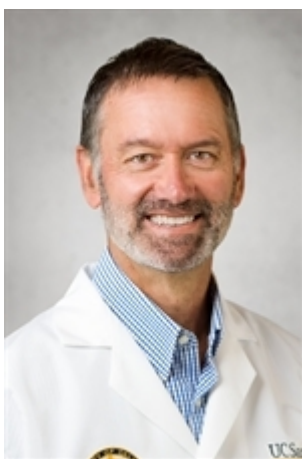
Gina Votta-Velis, MD, PhD, is an associate professor of clinical anesthesiology at the University of Illinois at Chicago, and the Director of both the Pain Medicine and the Regional Anesthesia and Acute Pain Medicine Fellowship Programs. Her research interests have included the study of gene therapy for pain, the mechanisms of neuropathic pain and her current main focus is the studying of effect of local



anesthetics and opioids on cancer recurrence. She has been involved in educational and research activities for the ASRA, ESRA and ABA. She is currently a member of the Board for the European Diploma in Pain Medicine, and the Vice-Chair of ASRA's Research Committee. [\[back to top\]](#)



Bruce Vrooman , MD, completed his anesthesiology residency at Boston Medical Center then completed his pain medicine fellowship at Cleveland Clinic. He accepted a faculty position in the Department of Pain Management. For the past 8 years he has helped to develop the abdominal and cancer pain clinics. Other areas of interest include complex regional pain syndrome and low back pain. He enjoys teaching pain medicine fellows, anesthesiology residents, and medical students as a component of his clinical practice and conducting research on neuropathic pain. [\[back to top\]](#)



Mark Wallace, MD, is the Chief of the Division of Pain Medicine in the Department of Anesthesiology and Director of the Division of Clinical Research in the University of California, San Diego (UCSD) Clinical and Translational Institute. He is subinvestigator for the National Institutes of Health Clinical and Translational Science Award which supports the Clinical Translational Research Institute. Dr. Wallace is Associate Editor for the Clinical Journal of Pain, chair of the UCSD Institutional Review Board, and a member of the American Pain Society Board of Directors. Dr. Wallace has authored and co-authored more than 230 articles, abstracts, books, and book chapters concerning pain research and management. [\[back to top\]](#)

Daniel Warren, MD, is an academic faculty member for the Department of Anesthesiology at Virginia Mason Medical Center in Seattle, Washington, Dr. Warren participates in both perioperative care of patients in the OR, as well as on the ward in postoperative recovery through our Regional Anesthesia and Acute Pain Service. Additionally, he is the program director for the Pain Medicine Fellowship and



participates in consultative and interventional care for patients with chronic and cancer pain. As a past Program Chair for the ASRA Pain Medicine meeting, and member of the Committee on Continuing Medical Education, Dr. Warren remains committed to the mission of ASRA and the educational events provided to the community. [\[back to top\]](#)



James Watson, MD, is an associate professor of neurology and the Vice Chair of Analytics in the Department of Neurology at the Mayo Clinic in Rochester, MN. He holds a dual appointment in the Department of Anesthesiology, Division of Pain Medicine. He is board certified in Neurology, Clinical Neurophysiology, Neuromuscular Disease and Comprehensive Pain Medicine. His clinical practice includes electrophysiology - EMG, interventional pain medicine, and a consultative pain practice with special focus on neuropathic pain, spine related disorders, and headache. [\[back to top\]](#)



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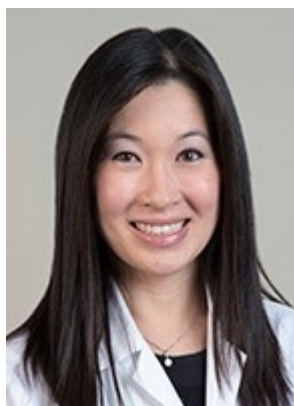


University of Chicago and an anesthesia pain fellowship at the Massachusetts General Hospital. [\[back to top\]](#)



Kayode Williams, MD, MBA, FFARCSI, is an associate professor of anesthesiology and pain medicine and Vice Chair for System Integration in the Department of Anesthesiology and Critical Care Medicine, Johns Hopkins School of Medicine. He holds a joint appointment as Associate Professor at the Johns Hopkins Carey Business School. Dr. Williams was the Director of Blaustein Pain Center Johns Hopkins from 2009-2011. He currently serves on the Board of Howard County General Hospital Johns Hopkins Medicine, Editorial Board of the Journal Pain Medicine and the NIH

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American Society of Regional Anesthesia and Pain Medicine

Advancing the science and practice of regional anesthesiology and pain medicine to improve patient outcomes through research, education, and advocacy

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