



American Society of
Regional Anesthesia and Pain Medicine

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Armand Balboni, JD, MD, PhD; US Army, Ft. Detrick, MD

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Honorio Benzon, MD; Northwestern University, Chicago, IL

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Farshad Ahadian, MD, is Professor of Anesthesiology at UC San Diego and Medical Director for the UCSD Center for Pain Medicine. He is Co-Chair for the Essential Tools for Treating the Patient in Pain conference. He serves on the AAPM board of directors, finance committee & annual meeting planning committee. Dr. Ahadian is Associate Editor for RAPM and serves on editorial boards of numerous other journals. Dr. Ahadian completed his MD at St. Louis University, his residency in anesthesiology at Wilford Hall, U.S.A.F. Medical Center and his fellowship in pain medicine at Stanford University. [\[back to top\]](#)



Kasra Amirdelfan, MD, is one of the founding partners at Integrated Pain Management, Inc., in Walnut Creek, California. He received his medical degree from Texas A&M University, College of Medicine. He completed his residency at John Peter Smith Hospital in Fort Worth, Texas, an affiliated facility with Southwestern School of Medicine. Dr. Amirdelfan completed his fellowship in interventional pain management at Pacific Pain Treatment Centers with Dr. Elliot Krames, in collaboration with California Pacific Medical Centers in San Francisco. Dr. Amirdelfan has served as the Department Chair of Pain Medicine at John Muir Medical Center and Doctors Hospitals in his area. He lectures extensively on spinal cord stimulation and pain management at the regional, and national levels. He is regarded as one of the foremost thought leaders in the pain management community. He also continues to be actively involved in conducting research for the development of new technologies to help improve pain management worldwide. Dr. Amirdelfan has a special interest in Spinal diseases, spinal cord stimulation and stem cell technologies. [\[back to top\]](#)



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



Armand Balboni, JD, MD, currently serves on active duty in the U.S. Army as Deputy Director, DRAC; the Surgeon General's FDA Sponsor for the DoD's drugs, biologics, diagnostics, and devices and more than 75 clinical trials. He recently served as a DoD Staff Fellow at the FDA in the Office of the Commissioner, and CDER. Prior to his recall to active duty Dr. Balboni was an academic researcher and continues to sit on the scientific advisory boards of private biotechnology companies and non-profit foundations. [\[back to top\]](#)



Esther M. 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 acquired her Pain Medicine fellowship training at the University of Vermont. She returned to Venezuela where she worked as a chronic pain specialist at the Instituto de Clínicas y Urología Tamanaco and the Centro Medico Docente La Trinidad. She holds certification by the World Institute of Pain as a Fellow of Interventional Pain Practice. In 2007, she emigrated to the United States to work at the University of Iowa where she currently serves as an Associate Clinical Professor in the Department of Anesthesia's Center for Pain Management. [\[back to top\]](#)



Rasmin Benyamin, MD, President and Founder, Millennium Pain Center, Illinois; Past-President, American Society of Interventional Pain Physicians: 2009-10 & 2014-15; Clinical Assistant Professor of Surgery, College of Medicine, University of Illinois, Champaign-Urbana; Adjunct Professor of Clinical Research, Department of Psychology, Illinois Wesleyan University; Section Editor, (Neuromodulation), Journal of Pain Physicians; Editorial Board, Journal of Pain Practice; Editorial Board, Journal of Opioid Management; Editorial Board, Journal of Techniques in Regional Anesthesia and Pain Management. [\[back to top\]](#)

Honorio Benzon, MD, is a Professor of Anesthesiology at Northwestern University Feinberg School of Medicine in Chicago, Illinois. He graduated from the Far Eastern University in Manila, Philippines, and took his residency at the University of Cincinnati and Northwestern University Feinberg School of Medicine. He trained in neurophysiology at the Brigham and Women's Hospital. He has written 70 articles, 98 book chapters, and presented 95 abstracts. He is the editor of three books, Deputy Editor-in-



Chief of Pain Practice, editor of Anesthesia and Analgesia, and associate editor of Regional Anesthesia and Pain Medicine. He is a member of Alpha Omega Alpha at Northwestern. [\[back to top\]](#)



Charles Berde, MD, PhD, is the Sara Page Mayo Chair and Chief of the Division of Pain Medicine at Boston Children's Hospital and Professor of Anesthesia (Pediatrics) at Harvard Medical School. He co-founded and continues to direct the most active pediatric pain program in the world. Dr. Berde directs clinical and translational research on local anesthetics, pediatric analgesic pharmacology, and pediatric chronic pain outcomes. [\[back to top\]](#)



Anuj Bhatia, MD, FIPP, FRCPC, CIPS, is an Assistant Professor at University of Toronto and Clinical Director, Chronic Pain at University Health Network and Women's College Hospital, Toronto. He is the Chair of the Neuropathic Pain Special Interest Group of the Canadian Pain Society and member of the Royal College of Physicians and Surgeons' Pain Medicine Specialty committee. His clinical interests include treatment of neuropathic pain, fluoroscopy and ultrasound(US)-guided procedures for chronic pain and neuromodulation. He has published over 30 papers, 6 book chapters, and co-authored one book on US-guided procedures. [\[back to top\]](#)



Robert Bolash, MD, is an Assistant Professor of Anesthesiology in the Departments of Pain Management and Evidence Based Pain Research at the Cleveland Clinic Lerner College of Medicine. He received his medical degree from the University of Miami School of Medicine and trained in Interventional Pain Management at the Cleveland Clinic. He is a Fulbright Scholar and is Board Certified in both Pain Management and Anesthesiology. [\[back to top\]](#)



Donny Bounds, MSN, RN, BC, CCRC, is the Chief Operating Officer and Director of Clinical Services and Research at the Millennium Pain Center, Bloomington, Illinois. He is board certified in medical surgical nursing with an emphasis on Oncology. He is also nationally certified as a clinical research coordinator. His clinical experience includes areas of nursing such as medical, surgical, emergency, intensive care and oncology. He has managed multiple inpatient areas as well as private physician groups. He has extensive expertise in facilitating new pain center start-ups in both the hospital outpatient and private practice arena. Mr. Bounds is also a clinical assistant professor of nursing at Mennonite College of Nursing at Illinois State University and has authored several articles and book chapters on pain management and practice management and compliance. [\[back to top\]](#)



Krista Margaret Brecht, RN, BScN, MScN(A) is a Clinical Nurse Specialist - Adult Pain Program, at the McGill University Health Center, Division of Nursing, Department of Anesthesia and Alan Edwards Pain Management Unit. Her clinical interests include: Working with patients/families, living with acute, chronic and end-stage disease pain; Pain care in the patient with a history of opioid tolerance, dependence, and addiction; The education of patients/families and impact of interventional pain management strategies in the trauma and intractable end-stage disease populations. [\[back to top\]](#)



Gary Brenner, MD, PhD, currently sees patients at the Massachusetts General Hospital Center for Pain Medicine, has been the Director of the MGH Pain Medicine Fellowship since 2002 and runs an NIH-funded lab. He is an Associate Professor in Anesthesia at Harvard Medical School and has authored more than 45 publications including peer-review articles, reviews, and book chapters; these have focused on the pathophysiology of pain, neurofibromatosis, neuro-immunology and clinical approaches to chronic pain. His NIH-funded laboratory is focused on the development of novel treatments for schwanna. [\[back to top\]](#)

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



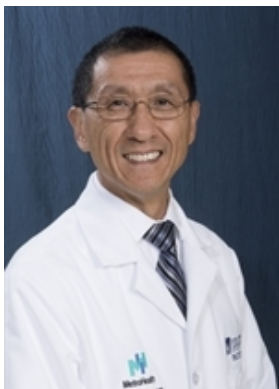
Bridget Calhoun, Dr PH, PA-C, has been a physician assistant for 23 years and is currently the Chairman of the PA program at Duquesne University in Pittsburgh, PA. She earned a doctoral degree in public health in infectious diseases and microbiology and works clinically in HIV/AIDS research at the University 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. [\[back to top\]](#)



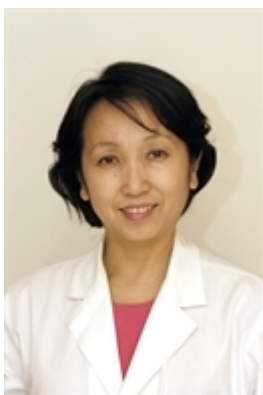
John Carrino, MD, is an author on numerous peer-reviewed scientific and review publications in a diversified compendium of domains. For the past 20 years, he has held a number of positions at several prestigious academic institutions including Harvard, Thomas Jefferson, and Johns Hopkins with a track record of breakthrough research, education innovation, and technology transfer to clinical practice. He currently is the Vice-Chairman of the Radiology and Imaging Department at the Hospital for Special Surgery and Professor of Radiology at Weill Cornell Medical College. [\[back to top\]](#)



Michael A. Cassidy, JD, is an attorney with Tucker/Arensberg Attorneys based in Pittsburgh, Pennsylvania. Mike's practice focuses on representing physicians and other healthcare providers in all issues relating to the business of healthcare: Health Information Technology (HIT): Electronic health records, telehealth and telemedicine, and licensing, Reimbursement: Medicare and third party payment, managed care contracting, business structures and joint ventures, Compliance: Anti-kickback, Stark, audits and investigations, Credentialing: Medical staff and state licensing, peer review, investigations and hearings, and HIPAA: Privacy and Security. [\[back to top\]](#)



John Chae, MD, is Professor and Chair of Physical Medicine and Rehabilitation and Professor of Biomedical Engineering at Case Western Reserve University. Dr. Chae's research focuses on the application of electrical stimulation for neuroprostheses, neural plasticity and shoulder dysfunction in hemiplegia. He is a member of the Academy of Medicine and the American Institute for Medical and Biological Engineering. [\[back to top\]](#)



Lucy Chen, MD, is an associate professor of Harvard Medical School and an attending pain physician at the Massachusetts General Hospital. She has been conducting clinic research on integrative medicine and acupuncture for a number of years and is a Principle Investigator of an NIH RO1 grant studying a comprehensive assessment approach to evaluate acupuncture therapy for pain management. [\[back to top\]](#)



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

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



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



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





James Eisenach, MD, is a clinician-scientist with focus on the study and treatment of acute and chronic pain. Following an obstetric anesthesia fellowship in 1985 he has been a faculty member at Wake Forest School of Medicine, where he is currently the FM James, III Professor of Anesthesia. He is the current Editor-in-Chief of Anesthesiology and former President of ASRA. [\[back to top\]](#)



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



F. Michael Ferrante, MD, holds a BS in Biology from Tulane University, where he graduated Summa Cum Laude, and an MD from New York Medical College. He received his fellowship in Infectious Diseases at Barnes Hospital in St. Louis and fellowship in Pain Medicine at Brigham and Women's Hospital. Dr. Ferrante is currently Director, UCLA Pain Management Center and Professor of Clinical Anesthesiology and Medicine at the University of California at Los Angeles. He is Board Certified in Internal Medicine and Anesthesiology with Added Qualifications in Pain Medicine. [\[back to top\]](#)

Francesca Filbey, PhD, is an Associate Professor of Cognitive Neuroscience at the University of Texas at Dallas and holds the Bert Moore Endowed Chair. Dr. Filbey's research focuses on understanding the biobehavioral mechanisms of addictive disorders towards the improvement of early detection and intervention using multimodal approaches such as neuroimaging, genetics, and neuromodulation techniques. [\[back to top\]](#)



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



Mauricio Forero MD, FIPP, is a Colombian Anesthesiologist who moved to Canada in 2008 and finished his interventional chronic pain fellowship at McMaster University in 2010, Hamilton, Canada. He has been practicing in Canada since 2010 as Assistant Professor, recently promoted to Associate Professor of the Department of Anesthesia. Dr. Forero is the creator and coordinator of the Ultrasound Guided Regional Anesthesia Curriculum at McMaster University. He has been largely involved as national and international lecturer and workshop instructor in Ultrasound for Pain Medicine and Ultrasound in Regional Anesthesia, since 2010. He has also been distinguished as supporter of the Colombian Association of Study of Pain, as lecturer but also as organizer of national pain meetings. [\[back to top\]](#)

Christopher Gilligan, MD, serves as the Chief of the Division of Pain Medicine and Co-Director of the Spine Center at Beth Israel Deaconess Medical Center. He is an Assistant Professor of Anesthesia at Harvard Medical School. His original training is in Emergency Medicine and he has subspecialty training in Pain Medicine, where he has focused on pain of spinal origin. Dr. Gilligan's clinical expertise is focused on the treatment of pain related to disorders of the spine. He also treats patients with a wide range of pain conditions, including cancer related pain, complex regional pain syndrome, and post-herpetic



neuralgia. Dr. Gilligan's research focuses on clinical trials of new interventions, devices and medications for the treatment of pain. [\[back to top\]](#)



Thomas Grant, DO, FACR, is an academic radiologist and medical director of ultrasound at Northwestern Memorial Hospital in Chicago. He has been an advocate and has had research interests in MSK ultrasound for almost 30 years. Over the last 15 years, the field of MSK ultrasound has seen unprecedented growth. He has lectured nationally and internationally and loves to meet physicians from multiple specialties who also have an interest in this field. [\[back to top\]](#)



Jennifer Grimmer, DNP, FNP-BC, is clinically practicing as a Nurse Practitioner in the Pain Clinic at Roswell Park Cancer Institute, with a focus on chronic cancer-related pain. Previous clinical practice includes experience in the Hospice and Palliative Care settings. Her education was completed at the State University of New York at Buffalo. [\[back to top\]](#)



Maged Guirguis, MD, serves as the director of research for the pain management department in Ochsner health system and the pain/palliative medicine rotation director for The University of Queensland Ochsner Clinical School. After completing a residency in internal medicine in his home country. He joined the Cleveland Clinic Foundation for a research fellowship in pain medicine after which he completed his residency in anesthesiology and clinical fellowship in pain management. Dr. Guirguis has published numerous papers and book chapters as well as presented various studies and case reports on pain medicine at national and international meetings. He serves on both the educational and research committees for the international neuromodulation society and has a special interest in ultrasound guided interventions for acute and chronic pain. [\[back to top\]](#)



Amitabh Gulati, MD, is an anesthesiologist and pain medicine physician practicing in New York City. He is assistant professor and Director of Chronic Pain, specializing in interventional cancer pain management, at Memorial Sloan Kettering Cancer Center. He received his medical degree from Baylor College of Medicine, completed his anesthesiology residency at Emory University School of Medicine, and obtained his pain management fellowship diploma from Weill Cornell School of Medicine in 2007. Dr. Gulati completed his acupuncture certification at the Helms Medical Institute in 2007, and is licensed to practice in the state of New York. He is currently the program director of the Weill Cornell pain management fellowship in New York City. [\[back to top\]](#)



Salim Hayek, MD, PhD, 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). [\[back to top\]](#)



Terese Horlocker, MD, is a Professor of Anesthesiology and Orthopedics at Mayo Clinic College of Medicine and a Section Editor for Regional Anesthesia and Pain and Anesthesia & Analgesia. She currently serves as the chair of ASRA's CME Committee. She received the Gaston Labat Award in 2011 and the Distinguished Service Award in 2009. She also served as president of ASRA from 2003-2005. [\[back to top\]](#)

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



Elizabeth Huntoon MS, MD, received her medical degree from Eastern Virginia Med. School. She completed her residency in Physical Medicine and Rehab. in 1998, was board certified in Medical Acupuncture in 2005 and completed her Pain Medicine fellowship from Mayo Clinic in 2008. She recently moved from TN where she was on staff in the spine center at Vanderbilt Franklin Bone and Joint Clinic. Dr. Huntoon is currently on staff in the Department of Physical Medicine and Rehabilitation at Virginia Commonwealth Univ. and works at the Neuroscience, Orthopedic and Wellness Center in Richmond, VA. [\[back to top\]](#)



Leonardo Kapural, MD, PhD, is Professor of Anesthesiology, Wake Forest Univ, Sch 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.' [\[back to top\]](#)



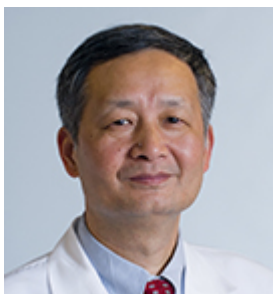
Immanuel Lerman, MD, MS, is an Assistant Professor at the University of California San Diego, School of Medicine (UCSD) within department of Anesthesiology. He currently directs the Interventional Ultrasound Division at the Center for Pain Medicine at UCSD while also teaching advanced ultrasound techniques 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. [\[back to top\]](#)



Timothy Lubenow, MD, MS, 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](#)]



Sean Mackey, MD, PhD, is Chief of the Division of Pain Medicine and Redlich Professor of Anesthesiology, Neurosciences and Neurology at Stanford University. He is the Immediate Past President of the American Academy of Pain Medicine. Dr. Mackey received his BSE and MSE in Bioengineering from University of Pennsylvania and his PhD in Electrical and Computer Engineering as well as MD from University of Arizona. Dr. Mackey is author of over 200 journal articles, book chapters, abstracts, and popular press pieces in addition to numerous national and international lectures. [[back to top](#)]



Jianren Mao, MD, PhD, is the Richard J. Kitz Professor of Anesthesia Research of Harvard Medical School, Harvard University. He is a board-certified anesthesiologist and pain medicine specialist. Dr. Mao is Vice Chair for Research, Chief of Division of Pain Medicine, and director of the MGH Center for Translational Pain Research, Massachusetts General Hospital. [[back to top](#)]



Edward Mariano, MD, MAS, 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

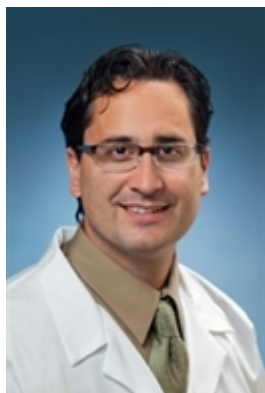
Perioperative Care Service, Associate Chief of Staff for Inpatient Surgical Services at the Veterans Affairs Palo Alto Health Care System, and Co-Director of the Stanford Regional Anesthesiology and Acute Pain Medicine Fellowship Program. He has served on various committees of ASRA including Chair of the 38th Annual Regional Anesthesiology and Acute Pain Medicine Meeting Scientific/Education Planning Committee and Editor of ASRA News. [\[back to top\]](#)



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



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



James Modir, MD, is a fellowship trained Anesthesiologist who treats a wide variety of pain conditions utilizing interventional fluoroscopy and ultrasound-guided pain procedures including platelet rich plasma. He is the former Director of Interventional Ultrasound for Chronic Pain at the University of California San Diego and now Chief of the Division of Anesthesiology and Pain Medicine at Scripps Clinic in San Diego, CA. He has been a faculty member for ultrasound-guided workshops at a variety of national meetings including ASA, ASRA, CASIPP, and Napa Pain Conference, to name a few. [\[back to top\]](#)



Antoun M. Nader, MD, is a professor in the department of anesthesiology and orthopedics at the Feinberg School of Medicine, Northwestern University in Chicago, IL. He is the section chief for regional anesthesia and acute pain management at Northwestern Memorial Hospital and the medical director for acute pain medicine. He is also the fellowship co-director for the adult and pediatric regional anesthesia and acute pain management fellowship at McGaw Medical center, Northwestern University. Dr Nader is board certified in

anesthesiology, with a subspecialty certification in pain management. He is a member of the American Society of Anesthesiology, the American Society of Regional Anesthesia and Pain Medicine and the Association of University Anesthesiologist. With interests in neuroanesthesiology and pain management, he is engaged in numerous activities, including authorship, editorial work, grant review, lecturing for many societies. During his medical career in pain management, he has authored and coauthored more than 150 original peer-reviewed articles, editorials, reviews, books, commentaries, case reports and technical notes. He is very involved in the development of Institutional Pathways for regional anesthesia and pain management protocols that have resulted in publications in major anesthesia journals. [\[back to top\]](#)



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



Levon N. Nazarian, MD, is Professor of Radiology at the Sidney Kimmel Medical College of Thomas Jefferson University. He has co-authored 100 peer-reviewed manuscripts on topics that include using ultrasound to diagnose and guide treatment for athletic injuries and other musculoskeletal conditions. Dr. Nazarian has served on the editorial board of several journals, and since 2011 he has been Editor-in-Chief of the Journal of Ultrasound in Medicine. Dr. Nazarian is a fellow of the American College of Radiology, the American Institute of Ultrasound in Medicine, and the Society of Radiologists in Ultrasound. [\[back to top\]](#)



Andrea Nicol, MD, MS, 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. [\[back to top\]](#)



Christine Peeters-Asdourian, MD, Director, BIDMC Pain Medicine Fellowship; Assistant Professor of Anesthesiology, Harvard Medical School Memberships: American Society of Anesthesiologists, International Anesthesia Research Society, Massachusetts Society of Anesthesiologists, American Society of Regional Anesthesia, New England Pain Association - Founding Member; European Society of Regional Anesthesia. Certifications: American Board of Anesthesiology and American Board of Anesthesiology (Subspecialty: Pain Medicine). [\[back to top\]](#)



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

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



Jeffrey Peterson is the Chief Operating Officer of the Center for Pain Relief, Inc. in Charleston WV and Executive Director of the West Virginia Society of Interventional Pain Physicians (WVSIPP). Jeff has more than 20 years of professional experience in the health care field, managing and consulting with small to large practices, and as an owner and partner in practice management and billing companies. Jeff has been involved in physician education with a number of professional organizations, hospital corporations, and private companies and has served as a contributing editor in interventional pain

textbooks and periodicals. [\[back to top\]](#)



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 publications are in the areas of anesthesiology and pain medicine, in both English and Spanish. He has lectured at numerous national and international meetings on regional anesthesia and acute and chronic pain. His areas of interests include fluoroscopic- and ultrasound-guided regional anesthesia and interventional pain procedures, medical education, and practice management. He has authored and coauthored a number of textbooks, served as guest reviewer in several international journals, and served as guest editor for the journal *Techniques in Regional Anesthesia and Pain Medicine*. He serves in the 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 Bachelors 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. [\[back to top\]](#)



Matt 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. In addition, he serves on the Educational Track Subcommittee on Pain Medicine for the American Society of Anesthesiologists. 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. [\[back to top\]](#)



Maunak Rana, MD, is the Director of Pain Management at Advocate Illinois Masonic Medical Center in Chicago. He completed medical school at Jefferson 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. [\[back to top\]](#)

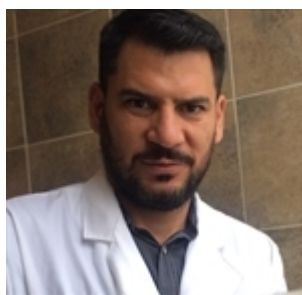


James Rathmell, MD, is currently Professor of Anesthesia at Harvard Medical School and Chair and Chief of the Department of Anesthesiology, Perioperative and Pain Medicine at Brigham and Women's Hospital. He devotes his time to his clinical practice, research, and education. Dr. Rathmell's research has 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. [\[back to top\]](#)



Richard L. Rauck, MD, is President of Carolinas Pain Institute and Pain Fellowship at Wake Forest University Baptist Health. He completed his pain management training at the University of Cincinnati under the direction of Dr. Prithvai Raj. He is the Immediate-Past President of the World Institute of Pain. He serves on the Board of Directors for the North American Neuromodulation Society. He was the 2013 recipient of the John J. Bonica award. He has been included in Best Doctors in America® since 1992. [\[back to top\]](#)



Alfonso Romero-Sandoval, PhD, is originally from Guatemala, and received his M.D. degree from Universidad de San Carlos de Guatemala in 1999 and his Ph.D. degree in Neuroscience from Universidad de Alcalá de Henares, Spain, in 2003. He was Assistant Professor (2009-2012) at Geisel Dartmouth Medical School, Lebanon, NH. He studies the molecular mechanisms of cannabinoid receptor 2 activation in skin cells for induction of analgesia, the role of endocannabinoids in postoperative pain, the role of macrophages in wound healing and in the

transition from acute to chronic pain. [\[back to top\]](#)



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

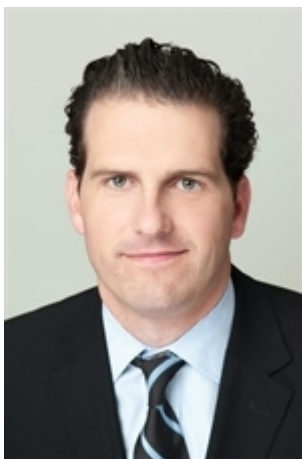


Yair Safriel, MD, is both a practicing spine/neuroradiologist and Chief Medical Officer of Pharmascan, specializing in the design of clinical trials. Yair is also an author of numerous peer-reviewed articles, book chapters, and international conference presentations. Dr. Safriel graduated from the University of the Witwatersrand, South Africa followed by radiology residency at the State University of New York and subsequent fellowships in Neuroradiology at Yale and in the Imaging of Clinical Trials at NIH. [\[back to top\]](#)



Robert Saper, MD, is an Associate Professor of Family Medicine at the Boston University School of Medicine, and Director of the Boston Medical Center Program for Integrative Medicine and Health Care Disparities. Dr. Saper also serves as the Chair of the Academic Consortium for Integrative Medicine & Health. He graduated from Harvard Medical School in 1988 and UCSF Family Medicine Residency in 1992. He has over 25 years of experience building research, educational, and clinical programs. [\[back to top\]](#)

Kenneth Scholtz, Esq., is a shareholder at Tucker Arensberg, P.C. and represents a wide range of clients from large corporations to small businesses, school districts, municipalities and individuals. He has extensive experience as counsel for employers involved in Workers' Compensation litigation. He also focuses on commercial litigation arising out of property damage, personal injury defense, contract



disputes, eminent domain proceedings, property tax assessment issues, employment issues and real estate transactions. Ken has significant trial experience. [\[back to top\]](#)



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



Sanford Silverman, MD, is in private practice as the medical director and CEO of Comprehensive Pain Medicine in Pompano Beach, FL. He is board certified in anesthesiology with added qualifications in pain management from the American Board of Anesthesiology and a Diplomate in Pain Medicine from the American Board of Pain Medicine. Dr. Silverman is also a Diplomate in Addiction Medicine from the American Board of Addiction Medicine. He is the president of the Broward County Medical Association, immediate past-president of the Florida Society of Interventional Pain Physicians (FSIPP). [\[back to top\]](#)



Todd Sitzman, MD, MPH, 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. [\[back to top\]](#)



Eellan Sivanesan, MD, is currently a Chronic Pain Fellow at the University of Miami/Jackson Memorial Hospital. Prior to training at Miami, he grew up in Oklahoma and attended The University of Oklahoma where he obtained his undergraduate and medical degrees. He completed his anesthesiology residency training at the University of Miami/Jackson Memorial Hospital as part of their research focused Clinical Scientist Training Program. His research interests primarily relate to various subjects involving acute and chronic pain. He currently serves as the Chair of the American Society of Regional Anesthesia and Pain Medicine Resident Section Committee. [\[back to top\]](#)



Eliezer Soto, MD, DABPM, FIPP, graduated from the School of Medicine at University of Puerto Rico. He completed his residency in Internal Medicine at Mount Auburn Hospital, a Harvard Medical School-affiliated hospital. Subsequently, he completed fellowships in Hospice/Palliative Care at NIH and Pain Medicine at Beth Israel Medical Center in New York. Dr. Soto became an Assistant Professor in Medicine and Anesthesiology at Albert Einstein College of Medicine. He recently relocated to Chicago, IL to join Millennium Pain Center. He is a diplomat of the ABPM&R (Pain Medicine), ABPM, WIP and ASIPP. [\[back to top\]](#)



Dmitri Souzdalnitski, MD, PhD, 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. [\[back to top\]](#)

Santhanam Suresh, MD, is Chair of the Department of Anesthesiology and Director of the Pain Management Team at Ann & Robert H. Lurie Children's Hospital of Chicago. He is an Arthur C. King Professor of Anesthesiology and Pediatrics at Northwestern University Feinberg School of Medicine. Dr.



Suresh received his medical degree from the University of Madras in India. He completed his residency in pediatrics at Cook Country Hospital in Chicago, his residency in anesthesiology at Loyola University Medical School in Chicago, and his fellowship in pediatric anesthesiology at Children's Memorial Hospital in Chicago. His major area of research is in postoperative pain control and management of chronic pain in children and adolescents. He is internationally recognized for his innovations in the use of nerve blocks for postoperative pain control in infants and children. [\[back to top\]](#)



Alexander Vaccaro, MD, PhD, MBA, is the Richard H. Rothman Professor and Chairman of Orthopedic Surgery and Professor of Neurosurgery at the Sidney Kimmel Medical College at Thomas Jefferson University in Philadelphia, Pennsylvania. He was the recipient of the Leon Wiltse award given for excellence in leadership and clinical research for spine care by the North American Spine Society (NASS) and is the past President of the American Spinal Injury Association and current President of the Association for Collaborative Spine Research. [\[back to top\]](#)



Ricardo Vallejo, MD, PhD, 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 Anestesiologia. 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. [\[back to top\]](#)



Hong Vo, MD, is double board-certified in Anesthesiology and Pain Medicine. She received her medical degree from University of Texas Medical School at Houston and completed her interventional pain management fellowship at Northwestern Feinberg School of Medicine. She has great interest in ultrasound guided procedures to treat back and neck pain and musculoskeletal disorders. [\[back to top\]](#)



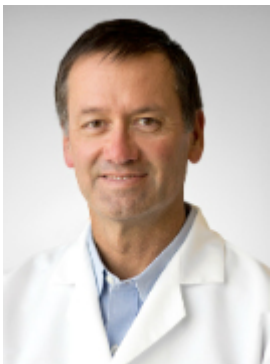
Kevin Vorenkamp, MD, serves as the director of the Pain Medicine Fellowship at Virginia Mason Medical Center in Seattle, WA. Dr. Vorenkamp is active with ASRA and ASA and will be the program chair for the ASRA 2017 pain medicine meeting. He was elected to the American Medical Association's Current Procedural 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. [\[back to top\]](#)



Bruce Vrooman, MD, MS, FIPP, 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. [\[back to top\]](#)



Brian Wainger, MD, is Assistant Professor of Anesthesiology & Neurology at Harvard Medical School (HMS) and an attending physician at Massachusetts General Hospital (MGH). He received his undergraduate degree from Princeton and MD/PhD from Columbia. He completed neurology residency and interventional pain fellowship at MGH, and research fellowship with Clifford Woolf while completing the Masters Program in Translational Investigation at HMS. He is a Principal Investigator at MGH, where his research focuses on sensory and motor neuron diseases using stem cell technology. [\[back to top\]](#)



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



Joshua Wellington, MD, is Assistant Professor of Clinical Anesthesia and Physical Medicine & Rehabilitation (PM&R) at Indiana University School of Medicine. He is Medical Director of the Indiana University Pain Medicine Center, where he is a member of a group of specialists who combine teaching, clinical research, and patient care to deliver advanced medical treatment at the Indiana University Medical Center in Indianapolis. Board-certified in Physical Medicine & Rehabilitation and Pain Medicine, he has lectured extensively on topics related to pain, rehabilitation, and spasticity. [\[back to top\]](#)

American Society of Regional Anesthesia and Pain Medicine

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