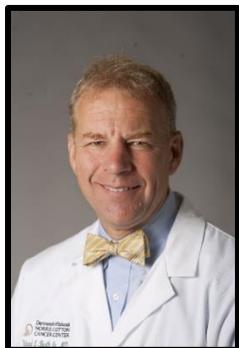


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Speaker Bios



Richard Barth, Jr., MD, was an undergraduate at Princeton where he studied Biochemistry. He attended Harvard Medical School and completed a surgery residency at the New England Deaconess Hospital. After a surgical oncology fellowship at the National Cancer Institute he joined the faculty at Dartmouth and has been Chief of General Surgery for the last 15 years. Dr. Barth is a busy surgeon, operating on over 250 patients per year with breast cancer, tumors of the liver and pancreas and melanoma. A Professor of Surgery, Dr. Barth's research efforts have been continuously funded and he has authored over 90 papers. His research has changed the way doctors diagnose sarcomas and treat phyllodes tumors of the breast. His most notable investigations

include developing a vaccine for patients with colorectal cancer and inventing a new device to improve the accuracy of lumpectomy for breast cancer. His research has also started a national dialogue about appropriate opioid prescribing after surgery and has established guidelines for appropriate opioid prescribing.

Leslie Bisson, MD is the June A. and Eugene R. Mindell, MD Professor and Chair of the Department of Orthopaedics He joined UBMD Orthopaedics & Sports Medicine in 2007, and became Chair in 2013. In addition, he serves as the Team Physician for both the Buffalo Bills and Buffalo Sabres, and is the Team Orthopedist for Buffalo State College. Dr. Bisson strives to provide the most advanced operative and non-operative treatment of orthopaedic sports medicine conditions, using scientifically proven methods, delivered in an empathetic and caring fashion. In addition to his responsibilities as Chair, he has been the Sports Medicine Fellowship Director since 1999. Dr. Bisson's research interests include prospective comparative studies to determine the best methods of orthopaedic care, systematic reviews and meta-analyses to disclose findings which may only become apparent after analysis of pooled data, and anatomic/biomechanical studies that can be put to immediate use to improve patient outcomes.



Kevin Bozic, MD, MBA, is the inaugural Chair of Surgery and Perioperative Care at the Dell Medical School at UT Austin. He is a nationally recognized leader in orthopaedic surgery and value based health care payment and delivery models. Previously, he was the William R. Murray Endowed Professor and Vice Chair of Orthopaedic Surgery at the University of California San Francisco (UCSF) School of Medicine, and Core Faculty of the Philip R. Lee Institute for Health Policy Studies. He holds a BS in Biomedical Engineering from Duke University, an MBA from Harvard Business School, and an MD with Thesis degree from UCSF. He completed his Orthopaedic Surgery Residency training in

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the Harvard Combined Orthopaedic Residency Program, and additional Fellowship training in Adult Reconstructive Surgery from Rush University Medical Center in Chicago. Dr. Bozic's clinical practice is focused on the management of patients with hip and knee arthritis, in collaboration with a multi-disciplinary team of providers. He has over 15 years of experience as an Adult Reconstructive Surgeon focusing on simple and complex primary and revision hip and knee arthroplasty. Dr. Bozic also has extensive research and policy experience in the field of value-based health care, focused on implementation and evaluation of value-based payment and delivery models. Dr. Bozic is also actively involved in numerous regional and national health policy initiatives, including Chair of the American Joint Replacement Registry Steering Committee and the Joint Commission Technical Advisory Panel. He is the co-founder and former Chair of the California Joint Replacement Registry, past Chair of the American Academy of Orthopaedic Surgeons Council on Research and Quality, and a former member of the Agency for Health Care Research & Quality Effective Health Care Stakeholder Group.

Steven Brown, MD, FAAFP, is the program director at the Banner – University Medical Center Phoenix Family Medicine Residency Program and a faculty member at the University of Arizona College of Medicine – Phoenix Family Medicine Residency. He received his MD from the Albany Medical School and completed his family medicine residency at UCSF – San Francisco General Hospital. He was 2014 Chair of the American Academy of Family Physicians' Commission of the Health of the Public and Science and he is an Associate Editor for Essential Evidence. He is editor and co-host of the evidence-based, award-winning American Family Physician Podcast.



Debra Houry, MD, MPH, is the Director of the National Center for Injury Prevention and Control (NCIPC) at the Centers for Disease Control and Prevention (CDC). Dr. Houry leads innovative research and science-based programs to prevent injuries and violence and to reduce their consequences. Prior to joining the CDC, she served as Vice-Chair and Associate Professor in the Department of Emergency Medicine at Emory University School of Medicine and as Associate Professor in the Departments of Behavioral Science and Health Education and in Environmental Health at the Rollins School of Public Health. Dr. Houry also served as an Attending Physician at Emory University Hospital and Grady Memorial Hospital and as the Director of Emory Center for Injury Control. She has received several national awards for her work in the field of injury and violence prevention. Dr. Houry has served on numerous boards and committees within the field of injury and violence prevention. She has authored more than 90 peer-reviewed publications and book chapters on injury prevention and violence. Dr. Houry received her MD and MPH degrees from Tulane University and completed her residency training in emergency medicine at Denver Health Medical Center.

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Ula Hwang, MD, MPH, FACEP, is an Associate Professor in Emergency Medicine and Geriatrics and Palliative Medicine at the Icahn School of Medicine at Mount Sinai in New York and a core investigator at the Geriatrics Research, Education and Clinical Center at the James J. Peters Bronx VAMC. Her research focuses on improving the quality of care older adults receive in emergency department (ED) settings that ranges from observational studies of analgesic safety and effectiveness in older patients to multicenter implementation science studies of geriatric emergency care interventions. Her work also spans development of policy guidelines in geriatric emergency care and collaborative and accreditation programs for geriatric EDs. Dr. Hwang currently co-PIs the multi-organizational Geriatric Emergency Department Collaborative that promotes dissemination and implementation recommendations from the Geriatric ED Guidelines to hospitals across the U.S. She is also and is the PI on the Geriatric Emergency care Applied Research (GEAR) network, an early infrastructure funded by the National Institute on Aging to support geriatric emergency care research. She is also funded on a Department of Veterans Affairs study to Evaluate Arthritis Analgesic Safety and Effectiveness in older veterans. She has been funded by the American Geriatrics Society, Atlantic Philanthropies, New York State Department of Health, the National Institute on Aging, Department of Veterans Affairs (VA) Health Services Research & Development, and Centers for Medicare and Medicaid Services (CMS) to support her continued work to improve geriatric emergency care.



Clifford Ko, MD, MS, MSHS, FACS, FASCRS, is the Director of the Division of Research and Optimal Patient Care at the American College of Surgeons. He oversees all the quality improvement and accreditation/verification programs and activities of the division, including those related to bariatric, cancer, pediatric, and trauma surgeries. He also oversees the Surgeon Specific Registry, the Coalition for Quality in Geriatric Surgery, and the Improving Surgical Care and Recovery project informed for enhanced recovery protocols. Dr. Ko serves as the Director of American Cancer Society's (ACS) NSQIP, which recently was recognized with the Eisenberg Award from the National Quality Forum (NQF)/Joint

Commission. Dr. Ko's work focuses on surgical quality of care, including quality measurement, process improvement, value based care, and achieving high reliability in surgical care. He has served in advisory roles to national and international efforts for achieving higher quality and safety including the World Health Organization, the Institute of Medicine, the NQF, and PCORI amongst others. He has received millions of dollars in grant funding to study quality of care from sources that include the National Institutes of Health, the CDC, the ACS, the CMS, the Agency for Healthcare Research and Quality, and the Department of Veterans Affairs. He has published over 400 peer reviewed manuscripts and has written more than 20 book chapters. Dr. Ko is a double board-certified surgeon with a practice currently focusing on patients with colorectal cancer. At UCLA, he is the Robert and Kelly Day Professor of Surgery and a professor of health services at the UCLA School of Public Health. Dr. Ko received his MD from the University of Chicago and a MS (Health Services/Outcomes Research) from UCLA during his time as a Robert

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Wood Johnson Clinical Scholars Fellow at UCLA and RAND. Dr. Ko completed his General Surgery Residency at UCLA Medical Center, and obtained specialty training at the Lahey Clinic in Boston in Colon and Rectal Surgery.

Elliot Krane, MD, is Chief of Pain Management at Stanford University. He holds specialty certification in Pediatrics, Anesthesiology, Pediatric Anesthesiology, Critical Care Medicine, and Pain Management, and is a Fellow of the American Academy of Pediatrics. From 1994 to 2003 he served as Chief of Pediatric Anesthesiology and Professor at Stanford University. Dr. Krane has received the Physician's Recognition Award in both Anesthesiology and Pediatric Critical from the American Medical Association, the Jeffrey Lawson Award for Advocacy in Children's Pain Relief from the American Pain Society, and the Ellis N. Cohen



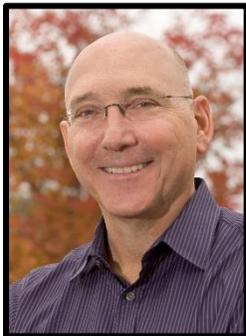
Achievement Award from the Stanford University Department of Anesthesiology, Perioperative and Pain Medicine. He also has been the recipient of grants from the Mayday Fund, the NIH, the American Medical Association, the Washington State Society of Anesthesiologists, the Diabetes Research and Education Foundation, and the American Society of Anesthesiologists as well as many pharmaceutical companies to assist them in new drug development for the treatment of pediatric pain. After medical training he moved to Seattle, WA for an appointment at the University of Washington and the Seattle Children's Hospital where he started the first pain clinic for children in the U.S. medical school at the University of Arizona. Dr. Krane trained in pediatrics and anesthesiology at the Massachusetts General Hospital followed by a fellowship year in pediatric anesthesiology and critical care at Boston Children's Hospital.



Lisa Leffert, MD, is an Associate Professor of Harvard Medical School and a senior member of the Department of Anesthesia, Critical Care and Pain Medicine at the Massachusetts General Hospital in Boston where she serves as the Chief of the Obstetric Anesthesia Division, and Vice Chair for Faculty Development. She is President-Elect of the Society for Obstetric Anesthesia and Perinatology (SOAP). Dr. Leffert lectures nationally and internationally on diverse topics such as the anesthetic management of patients with intracranial lesions, strategies for placing neuraxial anesthetics in patients with diverse comorbidities, and the peri-delivery care of patients with substance abuse and does research on obstetric patients with neurologic disease. She recently led an interdisciplinary effort to create a SOAP consensus statement on neuraxial anesthesia in the obstetric patient on thromboprophylaxis and higher dose anticoagulants.

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Paul Moore, DMD, PhD, MPH, is a Professor at the University of Pittsburgh School of Dental Medicine. At Pitt, Dr. Moore has served as Director of the Oral Health Science Institute, Director of Research, Director of Graduate Education, and Chair of the Department of Dental Anesthesiology. He is a member of the editorial boards of several journals including *Anesthesia Progress*, *Compendium of Dental Education in Dentistry*, and the *Journal of American Dental Association*. He began his professional career as a general dentist in Oakmont PA. After receiving his DMD, his professional career has included, a hospital residency in Dental Anesthesiology at the Presbyterian Hospital Medical Center in Pittsburgh, a postdoctoral fellowship in chronic pain management at the University of North Carolina, and faculty appointments at Harvard School of Dental Medicine, University of Massachusetts Medical Center, and Forsyth Dental Center. Dr. Moore has served on the U.S. Surgeon General’s Expert Panel of Prescription Drug Abuse, National Rx Opioid Drug Abuse & Heroin Summit, FDA Advisory Panel for Acute Pain, the Joint Commission for the Pain Assessment Standards, and the American Dental Association’s Council of Scientific Affairs revising the “Statement for the Use of Opioids for Acute Pain in Dentistry”, among others. Most recently, the American Dental Association has asked that I serve as their spokesperson for opioid prescribing. Dr. Moore is active in clinical dental research, having served as the principal investigator of over 40 clinical research projects sponsored by the NIH as well as the pharmaceutical industry. His research has focused on local anesthetics, analgesics, sedation and Type 1 diabetes. He has authored over 250 scientific articles, focusing on the clinical pharmacology/dental therapeutics, and published in peer-reviewed national and international journals. In addition to his DMD, Dr. Moore holds a PhD in Pharmacology from the University of Pittsburgh School of Dental Medicine.



Douglas Owens, MD, MS, is the Henry J. Kaiser, Jr, Professor, and Director of the Center for Health Policy in the Freeman Spogli Institute for International Studies and the Center for Primary Care and Outcomes Research in the Department of Medicine and School of Medicine at Stanford. He is a general internist and investigator at the Center for Innovation to Implementation, a health services research center of excellence, at the VA Palo Alto Health Care system. Owens is a Professor of Medicine, Professor of Health Research and Policy, and Professor of Management Science and Engineering at Stanford University. His research focuses on technology assessment, cost-effectiveness analysis, evidence synthesis, and methods for clinical decision making and guideline development. Owens chaired the Clinical Guidelines Committee of the American College of Physicians for four years. He is Vice Chair of the U.S. Preventive Services Task Force, which develops national guidelines on preventive care, including guidelines for screening for breast, colorectal, prostate, and lung cancer. Recently, he has helped lead the development of national guidelines on screening for HIV, hepatitis C, hepatitis B, lung cancer, colorectal cancer, cervical cancer, breast cancer, prostate cancer, HIV pre-exposure prophylaxis (PrEP), and the use of statins and aspirin to prevent cardiovascular disease.

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Holger Schünemann, MD, MSc, PhD, FRCPC is chair of the Department of Health Research Methods, Evidence, and Impact at McMaster University. He began his research career in respiratory and exercise physiology (MD) as a medical student and in nutritional epidemiology (PhD) and molecular biology (postdoc) in the Department of Physiology at the Medical School of Hannover and the University at Buffalo (UB), State of New York. He trained in internal medicine, epidemiology and preventive medicine. Having contributed to over 600 peer-reviewed publications, he has been listed among the most influential 3,000 scientific minds of current times (Thomson Reuters) across all scientific disciplines since 2015 and has an h-index of 127/88 (google scholar/web of science) and is among the 1500 most cited scientists of all times (www.webometrics.info). He is co-chair of the GRADE working group, the director of Cochrane Canada, a co-chair of the Guidelines International Network GINAHTA working group. He led or participated in high-profile guideline panels, including for the WHO and numerous professional societies and he was a key contributor to the revised methods for WHO guideline development in 2006 and the GIN-McMaster Guideline Development tool. Maintaining an active clinical practice fulfils his passion for patient care and ensures his research is people-oriented.



Paul Shekelle, MD, PhD, MPH, is director of the Southern California Evidence-Based Practice Center site at the RAND Corporation, a consultant in health sciences at RAND, professor of medicine at the UCLA School of Medicine, and a staff physician at the VA Medical Center in West Los Angeles. His research focus has been in the application of innovative methods to the assessment and improvement of the quality of care. Shekelle spent six years as a Career Development Awardee of the VA Health Services Research and Development Service. He spent 1996-97 in the United Kingdom as an Atlantic Fellow in Public Policy, studying how quality of care was being assessed in the National Health Service. Since 1997, Dr. Shekelle has directed the Southern California Evidence-Based Practice Center and led numerous systematic reviews and meta-analyses in that capacity. Shekelle was the principal investigator for the Agency for Healthcare Research and Quality project "Assessing the Evidence for Context-Sensitive Effectiveness and Safety of Patient Safety Practices: Developing Criteria." Shekelle received his MD from Duke University; his MPH from the University of California, Los Angeles (UCLA); and his PhD from the UCLA School of Public Health.

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Joanna Starrels, MD, MS, is Associate Professor in the Department of Medicine at Albert Einstein College of Medicine and Montefiore Medical Center. She is board-certified in Internal Medicine and Addiction Medicine. For over a decade, her clinical, research, teaching, and policy-related activities have focused on improving opioid management for adults with chronic pain. Her research aims to define best practices for managing chronic pain in primary care and HIV treatment settings. She studies the benefits and harms of using tools such as treatment agreements, urine drug testing, and prescription monitoring programs; collaborative care models for integrating behavioral health care and pain management; treatment of opioid use disorders in primary care; and the impact of opioid use on HIV outcomes. Her work has been funded by grants from the National Institute on Drug Abuse (NIDA), the Society of General Internal Medicine, the New York Community Trust, and the Einstein-Montefiore Center for AIDS Research. Dr. Starrels has served as expert consultant to the New York City and New York State Departments of Health and to the Centers for Disease Control and Prevention (CDC) on developing guidelines and initiatives to improve opioid prescribing.



Douglas Throckmorton, MD, is the Deputy Director for Regulatory Programs, and shares the responsibility for overseeing the regulation of research, development, manufacture and marketing of prescription, over-the-counter, and generic drugs in the United States. He is committed to ensuring that the benefits of approved drugs outweigh their known risks.

Dr. Throckmorton received his medical degree from the University of Nebraska Medical School and completed his residency and fellowship at Case Western Reserve University and Yale University, respectively. Prior to coming to the FDA in 1997, he conducted basic science research and practiced medicine at the Medical College of Georgia, Augusta, Georgia and Augusta Veterans Administration Hospital. He is a board-certified physician.