



2022 APSF Stoelting Conference
***Crucial Patient Safety Issues in Office-Based and
Non-Operating Room Anesthesia (NORA)***

Planning Committee:

**Shane Angus
John W. Beard
Emily Methangkool
Lynn Reede
Patty Reilly
Richard D. Urman**

**September 7-8, 2022
Loews Vanderbilt
cooper Nashville, TN**

Objectives

An increasing proportion of surgical and diagnostic and therapeutic procedures occur outside of traditional operating room suites. Several studies document the increased risks associated with caring for patients undergoing non-operating room anesthesia (NORA). NORA settings range from isolated areas of accredited hospitals to accredited ambulatory surgical centers to free-standing specialty procedural and diagnostic centers to accredited and non-accredited offices in which procedures are performed on anesthetized patients.

The 2022 APSF Stoelting Conference will address the unique challenges associated with providing safe care to patients in NORA environments. The conference will draw participants from the anesthesia professions, multiple additional fields in healthcare, industry, regulatory agencies, and healthcare administration. The goal of the conference is to develop multi-disciplinary, consensus-derived recommendations that the APSF and other organizations can use to advocate for changes that improve patient safety in NORA settings.

The objectives of this meeting are to:

- Understand the issues that may lead to mismatches in patient selection and preparation and the capabilities of NORA locations and their staff
- Review patient selection criteria, appropriate kinds and numbers of staffing, equipment and monitoring availability to deliver anesthesia appropriate to the situation and any other issues associated with potential patient safety problems in isolated procedure rooms, free-standing surgical centers, offices and procedure centers
- Discuss opportunities to promote patient safety using clear outcome measurements and data-driven improvement initiatives in all NORA cases
- Craft specific recommendations that APSF can use to influence changes that improve patient safety in NORA practices

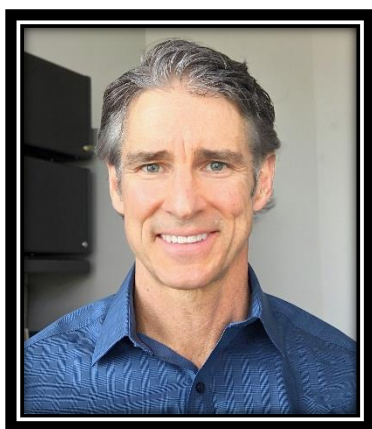


APSF 2022 Stoelting Conference Directors



Shane Angus, CAA, MSA
APSF Board of Directors
Washington, DC

Shane Angus, CAA, MSA, serves on the Board of Directors for the Anesthesia Patient Safety Foundation (APSF). He is also the Associate Executive Program Director and an Assistant Professor at Case Western Reserve University, School of Medicine, Master of Science in Anesthesia Program. Shane's primary interests include patient safety, higher education, and international healthcare, which intersect within his role at the APSF. He is a practicing anesthesiologist assistant in Washington, D.C., which also offers him an ideal setting for the promotion and advancement of these interests. Shane is the past chair of the Accreditation Review Committee for Anesthesiologist Assistant Programs (ARC-AA) and is the chair of the Association of Anesthesiologist Assistant Education Programs (AAAEP). Connect with him on [Twitter](#) @ShaneAngusCAA, LinkedIn at www.linkedin.com/in/ShaneAngusCAA and Facebook at <https://www.facebook.com/shane.angus.33>.



John (JW) Beard, M.D.
APSF Board of Directors
Washington, DC

John "JW" Beard, MD is the Chief Medical Officer of GE HealthCare – Patient Care Solutions (PCS). JW is responsible for contributing clinical expertise to strategic business processes including innovation, clinical evidence generation, health economics and outcomes research, and scientific communication. He brings the voice of the patient and clinician to all levels of the organization and represents PCS externally as the primary medical executive. JW was previously at ICU Medical Inc., where most recently he served as Chief Medical Officer. Prior to joining GE, Beard was in clinical practice for fifteen years, including roles in pre-admission clinics, operating rooms, and labor and delivery units. During his

practice, Beard led multiple quality improvement initiatives and held leadership positions including Chairman and Medical Director of the Department of Anesthesia. His clinical experience has been enriched by providing volunteer medical care in the Americas, Asia, and Africa.



Emily Methangkool, M.D.

APSF Social Media Ambassador Program Director
Los Angeles, CA

Emily Methangkool, MD, MPH serves as the Vice Chair of Quality and Safety for the UCLA Department of Anesthesiology and Perioperative Medicine and is an Associate Professor in cardiothoracic anesthesiology. Emily is passionate about patient safety, quality improvement, cardiac anesthesia, and gender equity in medicine, and has written about and spoken on these topics at the national level. She has a particular interest in patient safety and communication as well as non-operating room anesthesia. She is the current Vice Chair of the ASA Committee on Patient Safety and Education and on the communications team of the Anesthesia Patient Safety Foundation. She has been active within the Society of Cardiovascular Anesthesiologists for many years, and has served on the Scientific Program Committee and the Board of Directors.



Lynn Reede, DNP, MBA, CRNA, FNAP

APSF Board of Directors
Boston, MA

Lynn Reede, DNP, MBA, CRNA is a member of the APSF Executive Committee and Board of Directors, she also serves on the APSF Education and Training Committee and is co-chairing the Clinician Safety Advisory Group. She is an associate clinical professor at Northeastern University, Bouvé College of Health Sciences School of Nursing Nurse Anesthesia Program in Boston, Massachusetts since May 2019. Lynn's more than 30 years of experience as a clinician, anesthesia department operations manager, AANA Chief Clinical Officer and current role have offered extensive opportunity to improve patient

safety through interdisciplinary team learning and collaboration. Her interprofessional work for practice excellence and safety continues with the National Academies of Practice where she is a Fellow, Emergency Manual Checklist Collaborative Steering Committee, Massachusetts Association of Nurse Anesthetists Board of Directors, Nurses on Boards Coalition Impact Work Group, and AANA Infection Control Advisory Panel. Connect with her on [Facebook](#), [Instagram](#), and [Twitter](#) @ljrcrna, and on LinkedIn at www.linkedin.com/in/lynn-reede-0b76145.



Patty Mullen Reilly, CRNA
APSF Board of Director
West Chester, PA

Patty Mullen Reilly is a CRNA at Chester County Hospital, Penn Medicine in West Chester, Pa. She is also a part of the Clinical Research and Medical Science team within the Patient Monitoring and Respiratory Interventions businesses for Medtronic which is located in Boulder, CO. Patty has been involved in Patient Safety for the past 25 years as a part of the Corporate Advisory Board and the Committee on Technology of the APSF and most recently as a part of the Board of Directors for the APSF. Her safety work has included work with the Lucien Leape Institute as well as membership on the Patient Safety Coalition of the NPSF/IHI. Her corporate work has included ongoing education about the important work of the APSF and the NPSF/IHI and the impact on patient care. Most recently Patty has obtained her CPPS credential, becoming a Certified Professional in Patient Safety. Patty lives in West Chester, Pa with her husband and daughter.



Richard Urman, M.D., MBA, FASA
APSF Grant Alumni Academy, Co-Chair
Boston, MA

Richard D. Urman, MD, MBA, FASA is a staff anesthesiologist at the Brigham and Women's Hospital in Boston, MA and Harvard Medical School. Dr. Urman's research interests are in patient safety, novel anesthetic drugs, opioid safety, and shared decision making. He has received funding from the NIH, AHRQ, NSF, APSF and FAER. He has lectured nationally and internationally. He Chairs the ASA Abstract

Subcommittee on Patient Safety and Practice Management and co-Chairs the APSF Grant Alumni Academy.

APSF 2022 Stoelting Conference Speakers



Basem B. Abdelmalak, MD, FASA, SAMBA-F
Professor of Anesthesiology
Cleveland Clinic Lerner College of Medicine

Dr. Abdelmalak is a professor of anesthesiology at Cleveland Clinic. He leads Anesthesia for Bronchoscopy, and Anesthesiology oversight for Procedural sedation. Past president of the Society for Head and Neck Anesthesia (SHANA), the Society for Ambulatory Anesthesia (SAMBA) and the Ohio Society of Anesthesiologists. A frequently invited lecturer at international conferences, He is well published in the areas of perioperative glucose and diabetes management, Anesthesia for Bronchoscopy and airway management and co-edited two anesthesiology/airway management textbooks.



Rita Agarwal, MD, FAAP, FASA
(she/her)
Clinical Professor of Anesthesiology, Stanford University
Department of Anesthesiology, Perioperative and Pain Medicine
Past President Society for Pediatric Pain Medicine

Rita Agarwal, MD is a Clinical Professor of Anesthesiology at Stanford University School of Medicine; she has been involved with anesthesia, in particular pediatric anesthesia education, for over 20 years. She served as the Pediatric Anesthesia Program Director for 17 years at Children's Hospital Colorado, and is now the Chair of the Pediatric Education Committee at Stanford. Her other passions include pediatric pain management, and she has served as the Director of Acute Pain Services at Children's Hospital Colorado. She is now an attending anesthesiologist and inpatient pain management attending at Lucille Packard Children's Hospital. Improving patient safety by enhancing communication, collaboration, and team building are primary interests for Agarwal. She is a senior editor for the American Board of Anesthesiology certification examination and a junior editor for the Pediatric Anesthesiology certification examination. In March 2019 she will take over as President of the Society for Pediatric Pain Medicine. Connect with her on the following platforms:

Twitter: [@RitaAgarwal6](https://twitter.com/RitaAgarwal6)

Facebook: [Rita Agarwal](#)

LinkedIn: <https://www.linkedin.com/in/rita-agarwal-20529787/>



Diana Anca, MD

Director of Non-Operating Room Anesthesia
Assistant Professor of Anesthesiology
Weill Cornell

Director **NORA** (Non-Operating Room Anesthesia) Weill Cornell Medicine
Former Director Electrophysiology Lab. Northshore University Hospital and Mount Sinai Morningside
Cardiothoracic anesthesiologist, I completed my fellowship training at Columbia Presbyterian.
Presents nationally and internationally with focus on Electrophysiology and Arrhythmias. Published in
the field of cardiac and thoracic anesthesia and anesthesia in the off-site locations, electrophysiology.

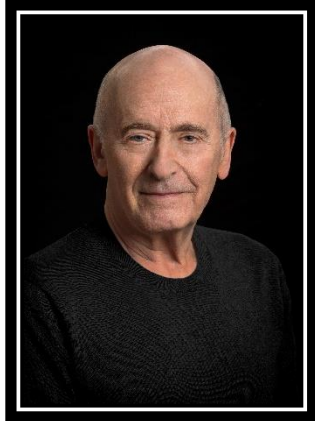


Daniel J. Cole, MD

Professor of Clinical Anesthesiology
Department of Anesthesiology and Perioperative
Medicine at the David Geffen School of Medicine
University of California, Los Angeles

Daniel J. Cole, M.D. is the President of Anesthesia Patient Safety Foundation and serves on the Board of Directors. A neuroanesthesiologist by training he currently services as a Professor of Clinical Anesthesiology in the Department of Anesthesiology and Perioperative Medicine at the David Geffen School of Medicine, University of California, Los Angeles. He has published extensively, with more than 350 original manuscripts, chapters, abstracts, and editorials to his credit. He is also a distinguished lecturer with over 300 invited presentations on a broad range of topics in anesthesiology.

Cole is a past president of the American Society of Anesthesiologists. He is the Executive Director for Professional Affairs for the American Board of Anesthesiology, and the American Board of Medical Specialties. Most importantly he is a champion for patient safety throughout his many roles in organized medicine.



Jeffrey B. Cooper, PhD

Professor of Anaesthesia at Harvard Medical School and Massachusetts General Hospital

Jeffrey B. Cooper, Ph.D. is Professor of Anaesthesia at Harvard Medical School and Massachusetts General Hospital. He is the founder, Executive Director Emeritus and Senior Fellow of the Center for Medical Simulation, which is dedicated to the use of simulation in healthcare to improve the process of education and training and to avoid risk to patients.

Dr. Cooper is one of the pioneers in what is now called patient safety. He did landmark research in medical errors in the 1970's and is a co-founder of the Anesthesia Patient Safety Foundation (APSF). He was for many years Director of Biomedical Engineering at Massachusetts General Hospital and then Partners Healthcare System.

Among his numerous honors are the John M. Eisenberg Award for Lifetime Achievement in Patient Safety from the National Quality Forum and the Joint Commission and the Distinguished Service Award of the American Society of Anesthesiologists, the only non-MD to receive the honor.

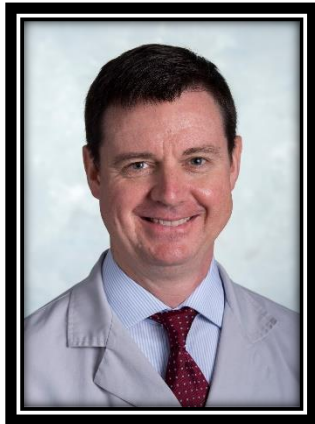


Brent Dunworth, DNP, MBA, CRNA

Assistant Professor of Clinical Anesthesiology
Director of Advanced Practice, Department of Anesthesiology
Vanderbilt University Medical Center

Brent Dunworth has a Bachelor of Science, Master of Science, and Doctor of Nursing Practice from the University of Pittsburgh as well as a Master of Business Administration from Waynesburg University. Brent is the Director of Advanced Practice, Chief CRNA, and Assistant Professor at Vanderbilt University Medical Center in Nashville, Tennessee. Brent has received numerous awards, among them the Agatha Hodgins Award for outstanding nurse anesthesia student, the Pennsylvania Association of Nurse Anesthetists' Didactic Instructor of the Year Award, the University of Pittsburgh School of Nursing's Outstanding Young Alumnus Award, and the Dr. Nevin Downs Leadership Award. Dr. Dunworth is a

certified nurse executive, a fellow of the American Association of Nurse Anesthetists, and has lectured nationally on a variety of topics in nurse anesthesia and maintains clinical practice at Vanderbilt.



Thomas A Farrell MD
NorthShore University HealthSystem, Illinois

Dr. Thomas Farrell is a fellowship trained interventional radiologist at NorthShore University HealthSystem, Illinois where he has practiced for the past 20 years. He performs the full range of interventional radiology procedures and has an excellent working relationship with his anesthesiology colleagues. He is also a Fellow of the Society of Interventional Radiology and serves as an examiner for the American Board of Radiology.



Patricia Fogarty Mack, MD, FASA
Vice Chair for Patient Safety & Quality Improvement
Associate Professor of Clinical Anesthesiology

Dr. Mack serves as the Vice Chair for Patient Safety and Quality Improvement at Weill Cornell Medicine / New York-Presbyterian Hospital. In the past she has served as Director of Neuroanesthesiology and Director of Non-Operating Room Anesthesiology. In addition to establishing education programs related to Neuroanesthesiology and NORA, she has vast experience in working with architects and operations leaders regarding the construction and programmatic development of INR, IR, GI and catheterization and ECT suites as well as hybrid operating rooms. She is a fierce advocate for both patient and clinician safety in these areas and has worked to align procedural areas with all standards of perioperative care. She has developed a didactic and experiential Quality Improvement educational program for trainees. She led the successful PBLD program of the PGA for 15 years and has served as a national and international speaker on topics of Neuroanesthesiology, NORA and Patient Safety and Quality

Improvement. She currently serves as Chair of the NYSSA Committee on Patient Safety and Quality Improvement and is honored to serve on the APSF Patient Safety Priority Advisory Group for NORA.



George Gilkey, MD
Assistant Professor of Anesthesiology
Mayo Clinic

George Gilkey, MD is an Assistant Professor of Anesthesiology at Mayo Clinic in Rochester, MN. He serves as the Anesthesia Director - Cardiac Catheterization Laboratory, Division of Cardiovascular Diseases, Department of Internal Medicine and is a core faculty member for the Anesthesia Digital Apprentice Project where he continues to provide high-quality teaching sessions that help to prepare residents for certification exams and clinical practice.



Sarah K. Gualano, MD, MBA
Clinical Associate Professor of Medicine
Associate Vice Chair for Diversity Equity and Well-being

Sarah K. Gualano, MD, MBA, is a Clinical Associate Professor in the Division of Cardiovascular Medicine, Associate Vice Chair for Diversity, Equity and Well-being for the Department of Internal Medicine at the University of Michigan. Dr. Gualano also serves as Associate Section Chief of Cardiology at the LTC Charles S. Kettles VA Ann Arbor Health System. Dr. Gualano was recently selected to participate in the prestigious Rudi Ansbacher Women in Academic Medicine Leadership Scholars Program. Dr. Gualano's clinical interests are coronary and structural heart disease, with a focus on regional care for the veteran population. Outside the cath lab, her administrative and academic interests include gender equity in medicine and physician well-being, and their relationship to the clinical enterprise at an academic medical center.



Girish P. Joshi, MBBS, MD, FCAI, FASA

Professor of Anesthesiology and Pain Management
University of Texas Southwestern Medical Center
Dallas, Texas

Girish P. Joshi, MBBS, MD, FCAI is a Professor of Anesthesiology and Pain Management at the University of Texas Southwestern Medical School in Dallas, Texas. He is an attending anesthesiologist at the Parkland Health and Hospital System, Dallas, Texas. Dr. Joshi received his medical degree (Bachelor of Medicine and Bachelor of Surgery, M.B.B.S.) and Doctor of Medicine (M.D.) in anesthesiology from the B. J. Medical College at the University of Pune, India. He received his fellowship in anesthesiology (F.C.A.I.) from the College of Anaesthetists, Ireland, and then received a M.D. degree from the University College Dublin, Ireland. He is a diplomate of the American Board of Anesthesiology.

Dr. Joshi has published numerous original articles, review articles and editorial in several high impact journals. He has been an invited speaker at many National and International conferences. He is an Executive Section Editor for Anesthesia & Analgesia and a Section Editor for UpToDate. He is the Past President of the Society For Ambulatory Anesthesia (SAMBA), the Society of Anesthesia and Sleep Medicine (SASM), and the Texas Society of Anesthesiologists (TSA). He serves on the Board of Directors of Accreditas Global. He is a member of the Procedure Specific Pain Management (PROSPECT) Group, an international collaboration of anesthesiologists and surgeons that formulates evidence-based procedure specific pain management recommendations. In addition, the Prospect group is the Think Tank contributing to European Society of Anesthesiologists vision on perioperative medicine.



Michael L. Kochman, MD, AGAF, MASGE

Wilmott Family Professor of Medicine and Surgery
Center for Endoscopic Innovation, Research, and Training
Gastroenterology Division
University of Pennsylvania Health System

Michael L. Kochman, MD, AGAF, MASGE is the Wilmott Family Professor of Medicine and Professor of Medicine in Surgery in the Gastroenterology Division at the Perelman School of Medicine at the

University of Pennsylvania and Hospital of the University of Pennsylvania. Dr. Kochman is a graduate of Northwestern University (BA, Economics, 1982) and the University of Illinois Medical School at Chicago (MD, 1986). He served his residency at the University of Illinois at Chicago and was Chief Resident at West Side VA under Dr. Clifford Pilz from 1989-90. Subsequently Dr. Kochman completed his fellowship in Gastroenterology and Hepatology at the University of Michigan Hospitals and Clinics in Ann Arbor in 1993 under the direction of Drs. Chung Owyang and Tadataka Yamada. During that time Dr. Kochman also underwent training in interventional endoscopy and had specialized training in endoscopic ultrasound at Indiana University under the auspices of Drs. Robert Hawes and Maurits Wiersema. Subsequently he was recruited to the University of Pennsylvania by Dr. Peter Traber, where he rose through the ranks from Assistant Professor.

Dr. Kochman is Editor for Techniques and Innovation in Gastrointestinal Endoscopy. Dr. Kochman has published over 250 articles, chapters and videos. He has edited 19 published books: among them, the Clinicians Guide to Gastrointestinal Oncology (ed Kochman), Advanced Gastrointestinal Endoscopy (eds Ginsberg, Gostout, Kochman and Norton), and Endoscopic Oncology: Gastrointestinal Endoscopy and Cancer Management (eds Faigel and Kochman).

While at the University of Pennsylvania he has served in various capacities including as Vice-Chair for Clinical Services and as Development Officer for the Department of Medicine, on the School of Medicine Committee of Appointments and Promotions (COAP), the Physicians Billing Oversight Committee and numerous Departmental Review and Search Committees. Within the GI Division he has served as Fellowship Chairman and runs the regular endoscopy and advanced endoscopy training programs and directs the Wilmott Center for Endoscopic Innovation, Research, and Training. He has received a number of awards including the Luigi Mastroianni Clinical Innovator and Special Recognition Patient Advocacy Awards from the Health System as well as the Sid Cohen, MD and Donald Martin, MD awards for the education of fellows and residents.

Dr. Kochman has served many local and national societies in a variety of positions. He was honored and inducted as a Fellow into the College of Physicians of Philadelphia. The ASGE recognized him as the 'Master Endoscopist' in 2015 and the AGA recognized him as the 'Distinguished Academic Clinician' in 2018. His current major national commitments are to the American Gastroenterological Association (AGA) as a Governing Board Councilor, the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) and to the Natural Orifice Surgery Consortium for Assessment and Research (NOSCAR). He has served the AGA on the Education Committee, the Public Affairs Committee, was Chair of the Regulatory Workgroup and is past Chair of the Center for GI Technology. Dr. Kochman served as Chair of the GIE Editorial Board, treasurer of the ASGE Foundation, and was a Councilor of the ASGE Governing Board. Also, for the ASGE Dr. Kochman has served on the Post-Graduate Education Committee, the EUS SIG, the Research Committee, the Program Committees and has directed numerous post-graduate courses. He is a past president of the Delaware Society for Gastrointestinal Endoscopy and was the Program Chairman for the Pennsylvania State Gastroenterology Society.

Dr. Kochman regularly speaks for various local GI societies and at SGNA meetings. He is frequently a faculty member at national and international meetings as a lecturer, moderator and at Meet the Professor sessions on various topics including management of neoplasia, maintenance of luminal patency, EMR, EUS, and ERCP. He also serves as faculty for hands-on training courses held both nationally and internationally for EUS, ERCP, endoprosthesis, and hemostasis.



Aman Mahajan MD, PhD, MBA

Peter and Eva Safar Professor and Chair
Department of Anesthesiology & Perioperative Medicine
Professor of Bioengineering and Biomedical Informatics
University of Pittsburgh School of Medicine

Dr. Mahajan serves as the Peter and Eva Safar Professor and Chairman of University of Pittsburgh Medical Center and Health System. He is a Professor of Anesthesiology and Bioengineering at the University of Pittsburgh. He is also the Director of Perioperative and Surgical Services and serves as the Senior Advisor to UPMC Enterprises.

Dr. Mahajan received his medical specialty training in anesthesiology and cardiac anesthesiology, as well as a PhD in Physiology with a focus in the field of cardiac electrophysiology at UCLA. Dr. Mahajan is funded by the NIH for his research in translational and clinical medicine. He has published more than 175 peer reviewed papers in his career and as an editorial board member and reviewer of several scientific journals he actively contributes towards the research and innovation in the field. Dr. Mahajan has an avid interest in development of innovative medical technology and is the founder of medtech start-ups that seek to improve healthcare.

Dr. Mahajan is recognized internationally for his contributions in anesthesiology and cardiovascular medicine. He serves on the council/board, and executive committees of several national scientific societies.



Piyush Mathur MD, FCCM, FASA

Anesthesiologist/Intensivist
Department of General Anesthesiology
Department of Intensive Care and Resuscitation
Quality Improvement Officer
Anesthesiology Institute
Cleveland Clinic

Piyush Mathur MD, FCCM is a Staff Anesthesiologist and Critical Care physician at Cleveland Clinic, Ohio with more than 20 years of clinician experience. He has also served in the role of the Quality Improvement Officer and chair, compliance committee, Anesthesiology Institute since 2011. He completed his medical school training in India from Armed Forces Medical College (AFMC, Pune)

followed by residency in Anesthesiology and fellowship in Critical Care from Cleveland Clinic. He subsequently completed a one year, quality fellowship at Cleveland Clinic and training in computer programming, machine learning and deep learning. He is the past program director of the anesthesiology critical care fellowship program at Cleveland Clinic.

A recognized leader in critical care, quality, education and artificial intelligence applications in healthcare, he has led many of the local and national programs including serving as the chair of the post-graduate education committee, coding and documentation education committee of the Society of Critical Care Medicine (SCCM). He is currently a member of CPT editorial advisory committee, AMA (American Medical Association) and primary advisor, SCCM.

Trained in computer programming, machine learning and deep learning, he is the founder of BrainX, an AI in healthcare application research and development company. He also founded, one of the largest groups for machine learning in healthcare, BrainX Community. He has focused his research on applications of artificial intelligence (AI) in healthcare for the last many years. He is a leader in quality and patient safety who has innovated and successfully implemented many algorithms and tools in electronic health records such as difficult airway identification (EPIC), anesthesia awareness alert (DSS, Talis), antibiotic alert (ACG, Talis). Recipient of multiple innovation awards at Cleveland Clinic, he is leading innovation efforts in integrating machine learning and artificial intelligence in healthcare. Current, projects include AIDE (Artificial Intelligence Diagnosis Engine), SALUS (robotic artificial intelligence patient safety system), BRAINS (Biologically Relational Artificial Intelligence Networking System). He is a recipient of numerous local and international awards including Institute of Healthcare Improvement (IHI) Permanente award and the prestigious Presidential citation from Society of Critical Care Medicine (SCCM). He has made numerous local, national and international presentations and publications in the fields of anesthesiology, critical care, quality, education and artificial intelligence applications in healthcare.



Monty Mythen, MBBS MD FRCA FFICM FCAI (HON)
Emeritus Professor of Anaesthesia and Critical Care
University College London

Professor of Anaesthesia and Critical Care, University College London, UK
Adjunct Professor, Duke University Medical Centre, NC, USA
Chair, Evidence Based Perioperative Medicine (EBPOM)
Director, Xtreme Everest Oxygen Research Consortium
Founding Editor-in-Chief of the Journal, Perioperative Medicine
Founding Editor-in-Chief, TopMedTalk
Founding Board Member Perioperative Quality Initiative (POQI)

Co-President of the International Board of Perioperative Medicine



Elizabeth Rebello, MD, FASA, CPPS

Professor of Anesthesiology and Perioperative Medicine
University of Texas MD Anderson Cancer Center

Elizabeth Rebello, MD, FASA, CPPS, is a practicing anesthesiologist and Professor of Anesthesiology and Perioperative Medicine at the University of Texas MD Anderson Cancer Center. A pharmacist by training, she has been involved in quality and patient safety efforts in the perioperative environment and Diversity, Equity, and Inclusion efforts for over fifteen years.

She serves as the Vice-Chair of the American Society of Anesthesiologists' (ASA) Quality, Management and Data Administration Committee and led the Medication Safety Workgroup to standardize drug concentrations. She serves on the United States Pharmacopeia Expert Compounding Committee, US Food and Drug Administration Pharmacy Compounding Advisory Committee, and chairs the APSF Patient Safety Advisory Group on Medication Safety.



Fred E Shapiro DO, FASA

Associate Professor of Anaesthesia, Harvard Medical School
Massachusetts Eye and Ear
Boston, MA

Fred E. Shapiro, D.O., FASA is an Associate Professor of Anesthesia, Harvard Medical School, Massachusetts Eye and Ear (MEE) Boston, MA. He has extensive research publication experience and a reputation nationally and internationally in the field of patient safety in anesthesia and surgery performed outside the operating room.

He created the first Harvard Medical School Office- based anesthesia CME Course, "The Manual of Office Based Anesthesia Procedures", presented at Harvard Medical School, led to inception of an OBA

curriculum, and incorporated into the Society for Ambulatory Anesthesia (SAMBA) national program. He wrote the seminal ASA CME article on Office Based Anesthesia: Safety and Outcomes.

He participated in The MA Board of Medicine task force to define qualifications for practitioners supervising office-based procedures and surgery, recently revised the Massachusetts Medical Society (MMS) Office Based Surgery Guidelines and act as a resource to ASA governance regarding similar statewide national legislative changes.

In 2009, he co-founded The Institute for Safety in Office Based Surgery (www.ISOBS.org), an independent, multidisciplinary, non-profit organization to promote patient safety in office based surgery through scholarship, patient and physician education.

He is on the SAMBA Board of Directors, Chair of SAMBA OBA Committee, and a member of the APSF Patient Safety Advisory Committee on ***Non-Operating Room Anesthesia***.



BobbieJean Sweitzer, MD, FACP, SAMBA-F, FASA

Systems Director, Preoperative Medicine

Inova Health

Professor, Medical Education

University of Virginia

Dr. BobbieJean Sweitzer is dual trained and boarded in anesthesiology and internal medicine. She is Systems Director, Preoperative Medicine, Inova Health, Falls Church, Virginia, and Professor of Medical Education, University of Virginia.

Dr. Sweitzer is an author and the editor of Preoperative Assessment and Management (currently 3rd edition). She has authored over 100 peer-reviewed manuscripts and abstracts and over 30 book chapters. She lectures nationally and internationally on preoperative medicine and ambulatory surgery topics. She is the Executive Editor of A&A Practice, and on the editorial board of Anesthesiology and Anesthesia and Analgesia. She hosts a monthly podcast for Anesthesiology, the premier journal of the American Society of Anesthesiologists.

Dr. Sweitzer is President of the Society of Ambulatory Anesthesia (SAMBA). She is a Fellow of the American College of Physicians, the American Society of Anesthesiologists and SAMBA. She is an elected member of the Association of University Anesthesiologists, and a founding member of the Governing Board and past President of the Society of Perioperative Assessment and Quality Improvement. She is a founding member of the Society for Anesthesia and Sleep Medicine.



Brian J. Thomas, JD

VP Risk Management, Preferred
Physicians Medical

Brian J. Thomas, J.D. is a member of the APSF Editorial Board and Corporate Advisory Council. He is also the Vice President of Risk Management for Preferred Physicians Medical, the nation's only anesthesia-specific professional liability insurance company. With over twenty-eight years of insurance industry experience, he has focused the past twenty-two years exclusively on providing patient safety and risk management services to anesthesia professionals and defending high severity medical negligence litigation. He has authored or co-authored in several prominent publications, such as the APSF Newsletter, ASA Monitor, Anesthesia & Analgesia, and Faust's Anesthesiology Review, 5th Ed. Connect with him on LinkedIn at <https://www.linkedin.com/in/brianjthomas1/>.



Amy E. Vinson, MD, FAAP

Assistant Professor of Anaesthesia, Harvard Medical School
Senior Associate in Perioperative Anesthesia, Boston Children's
Hospital
Chair, ASA Committee on Physician Well-Being
Wellness Director, Department of Anesthesiology, Critical Care & Pain
Medicine
@ImSwimming3

Amy Vinson is a Pediatrician and Pediatric Anesthesiologist at Boston Children's Hospital and is an Assistant Professor of Anesthesia at Harvard Medical School. She attended college and medical school in Georgia before coming to New England where she completed a residency in pediatrics at Brown, an anesthesiology residency at BIDMC and Pediatric Anesthesiology fellowship at Boston Children's Hospital, where she served as chief fellow. She has a long standing interest in wellness, burnout, peer support, and substance use disorder in anesthesiologists and has lectured widely on these subjects. She established wellness programs at Beth Israel Deaconess Medical Center and Boston Children's Hospital and has consulted on the formation of many other programs throughout the country. She currently serves as the Chair of the ASA's Committee on Physician Well-being, is the ASA representative to the National Academy of Medicine's Clinician Well-being Collaborative, and is the Director of Clinician Well-being in her own department. Her research on Burnout in Anesthesiologists - the largest such study of anesthesiologists to date, has just been published in Anesthesiology and she has numerous other publications and research manuscripts on subjects related to overall physician well-being. She is a self-

described “well-being pragmatist” focusing on systemic and organizational factors impacting well-being and burnout. To stay balanced, she enjoys time with family, making music, fitness and home improvement projects.

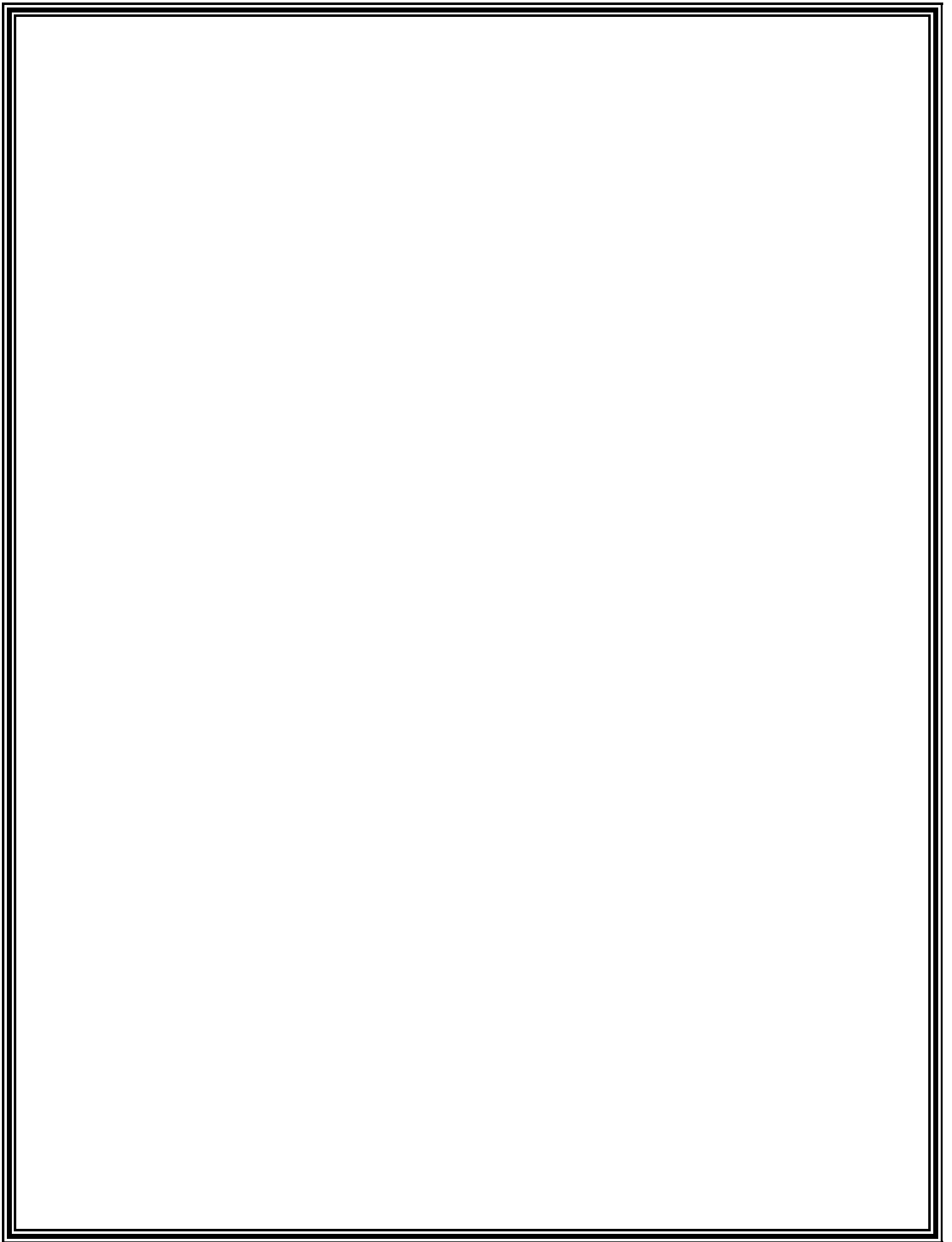


Jonathan P. Wanderer, M.D., M.Phil, FASA, FAMIA
Professor, Departments of Anesthesiology and
Biomedical Informatics

Dr. Wanderer is a Professor of Anesthesiology and Biomedical Informatics. He is focused on applying clinical informatics to advance medicine, by leveraging the electronic health record, clinical decision support, and data science.

He chairs Vanderbilt's Periprocedural Informatics Governance Committee, is the Associate Fellowship Director for the Clinical Informatics Fellowship Program and co-course director for the Foundations of Clinical Informatics in the Masters of Applied Clinical Informatics Program. He leads Vanderbilt's Physician Builder program and is the Associate Medical Director for both the Vanderbilt Anesthesiology and Perioperative Informatics Research (VAPIR) Division and Vanderbilt's Preoperative Evaluation Center.

Nationally, he serves the Anesthesia Quality Institute as Vice Chair for the Registry Operations and Data Definitions Committees, works as an Oral Boards Examiner for the American Board of Anesthesiology, and is on the Board of Directors for the Society for Technology in Anesthesia. He has been thrice elected to Epic's Anesthesiology Specialty Steering Board and co-chairs the anesthesia mobile technology subgroup.



Program

Tuesday, September 6, 2022

6:00 – 9:00 p.m. Pre-conference Reception

Wednesday, September 7, 2022

6:30 – 7:30 a.m. Full Buffet Breakfast and Networking

Introduction

7:30 – 7:55 a.m. Welcome: Why Are We Here and What Are Our Expected Outcomes?
Daniel J. Cole, MD

Adverse Events
Brian Thomas, JD

Session 1: **Is All NORA Created Equal? Requirements for a Safe and Effective Anesthetic Regardless of Location**

7:55 – 8:00 a.m. Introductions — Emily Methangkool, MD

8:00 – 8:15 a.m. Defining NORA: Introducing Safety Concerns — Basem Abdelmalak, MD

8:15 – 8:30 a.m. Space Planning for Safety and Efficiency in Non-Operating Room Anesthesia?
— Brent Dunworth, CRNA

8:30 – 8:45 a.m. Best Practices: Working Collaboratively with the Proceduralist to Improve Patient Safety — Diana Anca, MD

8:45 – 9:15 a.m. Panel: What is Important to the Proceduralist?
Michael Kochman, MD
Thomas Farrell, MD
Sarah Gualano, MD

9:15 – 9:45 a.m. Q & A Speakers

9:45 – 10:15 a.m. Mid-Morning Break

Session 2: **Appropriate Patients and Procedures**

10:15 – 10:20 a.m. Introductions — Shane Angus, AA-C

10:20 – 10:35 a.m. Ambulatory Surgery Centers — BobbieJean Sweitzer, MD

10:35 – 10:50 a.m. Office-Based Anesthesia — Fred Shapiro, DO

10:50 – 11:05 a.m. Dental Anesthesia — Rita Agarwal, MD

11:05 – 11:30 a.m. Q & A

11:30 – 12:30 p.m. Lunch

Session 3: Designing NORA for Patient safety. Beyond Current State to a Future Best Practice?

12:30 – 12:35 p.m. Introductions — Patty Reilly, CRNA

12:35 – 12:50 p.m. Using Data to Improve Care in the NORA Setting — Jonathan P. Wanderer, M.D., M.Phil, FASA, FAMIA

12:50 – 1:05 p.m. The Future of NORA Medications May Include Newer Short Acting Sedatives — George Gilkey, MD

1:05 – 1:20 p.m. The Future of NORA Post-Op Pain Control May Include New Non-Opioid Analgesics and Regional Blocks — Girish Joshi, MD

1:20 – 1:35 p.m. Medication Safety: Pre-Filled Syringes, Drug Labeling, Infusion Pumps — Elizabeth Rebello, MD

1:35 – 1:50 p.m. Teaming and Communication with Strangers in Strange Places — Jeff Cooper, PhD

1:50 – 2:05 p.m. Creating a Culture of Wellness — Amy Vinson, MD

2:05 – 2:30 p.m. Q & A

2:30 – 3:00 p.m. Mid-Afternoon Break

3:00 – 4:00 p.m. Afternoon Breakout Session

4:00 – 4:45 p.m. Reconvene for Summary of Recommendations — Lynn Reede, CRNA

4:45 p.m. Adjourn

6:00 – 9:00 p.m. Mid-Conference Reception

Thursday, September 8, 2022

6:30 – 7:30 a.m.	Full Breakfast Buffet and Networking
Session 4:	Impending Issues: Disruptors and Innovation
7:30 – 7:35 a.m.	Introductions — Richard Urman, MD
7:35 – 7:50 a.m.	Remote Patient Monitoring: The Hospital at Home — Aman Mahajan, MD, PhD, MBA
7:50 – 8:05 a.m.	Can an Algorithm Support Safe Practice? — Piyush Mathur, MD
8:05 – 8:20 a.m.	The Professional Sedationist: Solution or Sedition? — Monty Mythen, MBBS
8:20 – 8:35 a.m.	Measuring Success: NORA-Appropriate Metrics: Current and Future — Patricia Fogarty-Mack, MD
8:35 – 9:00 a.m.	Q & A
9:00 – 9:30 a.m.	Morning Breakout Session
9:30 – 10:00 a.m.	Reconvene for Summary of Recommendations — Lynn Reede, CRNA
10:00 – 10:30 a.m.	Mid-Morning Break
10:30 – 11:30 a.m.	Recommendations and Next Steps — JW Beard, MD
11:30 a.m.	Depart for Nashville International Airport

Our deepest thanks to Stacey Maxwell, APSF Administrator, for her tireless support of APSF and this conference!

APSF 2022 Stoelting Conference Supporters



About the 2022 Stoelting Conference Supports

BD – BD ([bd.com](https://www.bd.com)) is one of the largest global medical technology companies in the world and is advancing the world of health by improving medical discovery, diagnostics, and the delivery of care. BD helps customers enhance outcomes, lower costs, increase efficiencies, improve safety, and expand access to care. Our Medication Management Solutions portfolio connects critical components of healthcare medication management practice to keep teams aligned and focused on outstanding patient care. As such, we are honored to be able to support the APSF Stoelting Conference 2022 – focused on addressing patient safety issues in Office-Based and Non-Operating Room Anesthesia (NORA).

Eagle Pharmaceuticals – Eagle ([eagleus.com](https://www.eagleus.com)) is a specialty pharmaceutical company working to advance safe and efficient injectable treatments for patients across critical care, oncology, and orphan diseases. At Eagle, we are committed to developing innovative drugs that result in meaningful improvements in patients' lives. We will develop and commercialize our drugs with honor and integrity while acting in a socially responsible manner. Eagle's vision and values align with the vision of the APSF and believe it is important to support APSF's mission to improve the safety of patients during anesthesia care and for us to participate in the 2022 Stoelting Conference.

Fresenius Kabi – Fresenius Kabi ([fresenius-kabi.us](https://www.fresenius-kabi.us)) is a global health care company that specializes in lifesaving medicines and technologies for infusion, transfusion and clinical nutrition. The company's products and services are used to help care for critically and chronically ill patients. Fresenius Kabi's product portfolio comprises a comprehensive range of I.V. generic drugs, infusion therapies and clinical nutrition products as well as the devices for administering these products. With its corporate mission of "caring for life", the company is committed to putting essential medicines and technologies in the hands of people who help patients and finding the best answers to the challenges they face.

Medtronic – Medtronic ([Medtronic.com](https://www.Medtronic.com)) is among the world's largest medical technology, services and solutions companies – alleviating pain, restoring health and extending life for millions of people around the world. Medtronic employs more than 86,000 people worldwide, serving physicians, hospitals and patients in more than 150 countries. The company is focused on collaborating with stakeholders around the world to take healthcare Further, Together.

Merck – At Merck ([merck.com](https://www.merck.com)), known as MSD outside of the United States and Canada, we are unified around our purpose: We use the power of leading-edge science to save and improve lives around the world. For more than 130 years, we have brought hope to humanity through the development of important medicines and vaccines. We aspire to be the premier research-intensive biopharmaceutical company in the world – and today, we are at the forefront of research to deliver innovative health solutions that advance the prevention and treatment of diseases in people and animals. We foster a diverse and inclusive global workforce and operate responsibly every day to enable a safe, sustainable and healthy future for all people and communities.