



# Ever Upward: June 2018

## AsMA Constituent Organization Presidents for 2018-2019

### Sobel Is New AsHFA President

Annette L. Sobel, M.D., M.S., is the new president of the Aerospace Human Factors Association. Dr. Sobel's 30+ years of a civilian and military career have



focused on public service, human factors engineering, mitigating the threat of terrorism through weapons of mass destruction (WMD), and medical innovations and education for pre-hospital care, education and training. She has worked internationally developing protocols and technology for disaster management and mass casualty response. Specifically, she focused on

development of open source systems for early warning of emerging infectious disease, sentinel surveillance, and big data analytics for health and other informatics systems. She led a number of initiatives across government agencies that innovate new technology and promote deployment of National Security initiatives focusing on Health Security.

Dr. Sobel received her Bachelor of Science degree in Chemistry and Computer Science from Rutgers University in 1979 and her M.D. from Case Western Reserve in 1983. She did her Family Medicine Internship and Residency at Duke University. She received a Master of Science degree in Aerospace Medicine/Human Factors Engineering from Wright State University. She also attended Air Command and General Staff College, Air War College, the NASA Flight Surgeon Course, the U.S. Navy Hyperbaric Medicine course, and the JFK school of Government National Security Program at Harvard University.

During her military career as a Major General and a civilian career as a Distinguished Member of the Technical Staff at Sandia National Laboratories, NM, she served during 9/11 and Hurricane Katrina responses, and worked on a number of forward-leaning partnerships for peace and non-proliferation, including U.S.-led Cooperative Threat Reduction efforts in the former Soviet Union directed at chemical and biological research, development, and production facilities. She led DoD development of public health/counter WMD initiatives in Thailand, Vietnam, Qatar, and across the CENTCOM (pre-AFRICOM) areas of responsibility for Office of the Secretary of Defense (I&E). She worked USAID/NGOs in Africa on medical education and training. She is developing an interprofessional pre-hospital care and innovation initiative in Lubbock for medical, nursing, business, and engineering students. She is a former President of the Space Medicine

### Read Current News Online!

The AsMA, Industry, & Member News pages are updated regularly. Members: Check the Job Fair - new jobs are posted monthly!

Association, recipient of the AsMA Julian E. Ward and AsHFA Henry F. Taylor Awards, and the Anti-Defamation League's Award for Superior Public Service.

### AsPS Incoming President Is Tom Massa

The 2018-2019 President of the Aerospace Physiology Society is Thomas V. Massa. He is currently an Air War College student at Maxwell Air Force Base in Alabama. Prior to his current assignment, he was the 375th Aerospace Medicine Squadron Commander at Scott Air Force Base, IL, responsible for delivering healthcare to 1.6K aviators and 23K beneficiaries in support of U.S. Transportation Command, 18th Air Force, and Air Mobility Command.



Lt. Col. Massa entered the Air Force in October 1986 as an enlisted Aerospace Physiology Technician. He graduated with a Bachelor of Arts & Science Degree from Texas State University in 1996 and was commissioned as a Biomedical Service Corps Aerospace Physiologist in April 1997. In 2002, he received a Master's of Aeronautical Science in Safety from Embry Riddle University, Daytona Beach, FL.

Lt. Col. Massa has been assigned to numerous operational and staff positions, including deployments to operation Southern Watch and other Middle East AORs. His awards and decorations include the Meritorious Service Medal with four oak leaf clusters; the Air Force Commendation Medal with four oak leaf clusters; the Air Force Achievement Medal with four oak leaf clusters; the Wiley Post Award for Operational Physiology and the Paul Bert Award for Physiological Research from the Aerospace Physiology Society; and he was both the USAF Aerospace Physiologist and Aerospace Physiology Technician of the Year.

### Hudson to Head AMDA

Martin F. Hudson, MBBS, MRCP(UK), FRCP Edin., is the incoming president of the Airline Medical Directors Association (AMDA) for 2018-2019. He has been a member of AsMA since 2000 and was appointed a Fellow of AsMA in 2013. He served as Chairman of AsMA's Air Transport Medicine Committee for 4 years from 2011 to 2015. He is also a member of the European Society of Aerospace Medicine (ESAM) Advisory Board and serves as the ESAM liaison representative with ICAO.



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**From 'Hudson,' p. N21**

Dr. Hudson did his residency at St. Bartholomew's Hospital, London, in 1965. After obtaining a Private Pilot's License he joined the Medical Branch of the Royal Air Force. From 1972 to 1999 he was a principal in General Practice in the United Kingdom. In 1977 he became a UK CAA Authorized Aviation Medical Examiner and has now completed 40 years in this capacity.

Leaving General Practice in 1999, he set up an Aviation Medicine Consultancy as an approved Aviation Medical Examiner for the European Aviation Safety Agency (EASA), UK Civil Aviation Authority (UK CAA), USA Federal Aviation Administration (FAA), Transport Canada (TC) and the Civil Aviation Safety Authority of Australia (CASA).

Dr. Hudson was appointed as the Consultant Aviation Medicine Adviser to Thomas Cook Airlines (UK) in 2000 and continued in this role until October 2017. Dr. Hudson is a Vice-President of the UK Association of Aviation Medical Examiners having served for 12 years as its Treasurer and then for 3 years as Chairman.

Dr. Hudson has, for the past 3 years, been a member of the AsMA Mental Health Group. In 2017 Dr Hudson co-authored a chapter in Professor Robert Bor's latest book on 'Pilot Mental Health'. He has also been much involved in recent years with the development of Peer Support Groups both for airline pilots and for Aviation Medical Examiners.

**Dervay Leads Space Medicine Association**

Joseph P. Dervay, M.D., M.P.H., M.M.S., FACEP, is the incoming president of the Space Medicine Association. He has previously served as a "Member-at-Large" and Vice President.



Dr. Dervay trained as a Navy Flight Surgeon, and completed a residency in Emergency Medicine, the UTMB/NASA Space Medicine Fellowship and Aerospace Medicine Residency, and hyperbaric training at University of Texas, Houston. He holds the rank of Captain in the U.S. Navy, with 34 years of Active Duty/Reserve service with Navy and

Marine Corp units worldwide.

Dr. Dervay has served as a NASA Flight Surgeon at JSC for nearly 25 years. As Crew/Deputy Crew Surgeon, he has supported numerous Space Shuttle and ISS long-duration missions. He served as Lead, Medical Operations Group, and is currently the Flight Surgeon Lead for Commercial Crew. He serves as Co-Chair of the Multilateral Medical Operations Panel (MMOP), representing the international partners of the ISS, and Chairs the MMOP EVA (extravehicular activity) Working Group. He has conducted research and published on Hypobaric Bubble Nucleation & Decompression Sickness and presented at several AsMA meetings.

An AsMA Fellow, and member since 1985, Dr. Dervay has served on Council and various committees within the organization. "My goals for SMA are to increase membership, advance SMA's knowledge of ongoing commercial space initiatives, and promote our relationship with AsMA Council. I seek to increase the number of available scholarships/stipends

we offer to encourage students/residents to attend Annual Meetings. I also seek to use WEBEX/Podcasts to enhance educational opportunities for members across the international spectrum of meetings and seminars."

**Holland Installed as LSBEB President**

Dwight A. Holland, M.D., Ph.D., is beginning a 1-year term as the President of the Life Sciences and Engineering Branch



(LSBEB). He is the Past President of the International Association of Military Flight Surgeon Pilots, the Space Medicine Association, and the Aerospace Human Factors Association. He has been doing consulting on and off in Systems Management/Human Factors Engineering since 1990 as time permitted from his military and other academic pursuits. He served in the USAF Reserve on/off active/reserve

duty as an Individual Mobilization Augmentee (IMA) for about 15 years in a wide variety of positions with both Company Grade and Field Grade Officer of the Year honors in his status at the USAF Office for Scientific Research as a dual-hatted International Office Program Manager (AFOSR/IO)/USN Test Pilot School Academic Instructor, and at Edwards AFB, CA, in the USAF Test Pilot School. His last USAF IMA Reserve assignment was as the Senior Reservist (IMA) the Warfighter Readiness Division in the 711 Human Performance Wing at Wright-Patterson AFB, OH.

Dr. Holland holds Master's degrees in Geophysics, Systems Engineering, and a Ph.D. in Human Factors and Systems Engineering, all from Virginia Tech. He is also a graduate of USAF Pilot Training and was a fully qualified USAF Acquisitions Officer. He holds FAA commercial and multi-engine jet type-rated pilot ratings with over 2,000 hours of flight time in 35+ aircraft, including flight test engineering work. His doctorate in Medicine is from the University of Virginia School of Medicine, where he served as the elected Representative by his peers from the School of Medicine to the University of Virginia Honor Committee. He crafted the first joint M.D./Ph.D. between Virginia Tech College of Engineering and the University of Virginia School of Medicine. He also has served early in his career on a Geophysics research expedition to the Antarctic, living in harsh polar conditions in an unheated tent for 3 months, flying in a specially outfitted aircraft from and to remote sites, managing the team's Gravity/Magnetics program, and earliest tests of GPS systems for Antarctic scientific positioning study.

Dr. Holland has served as an instructor and curriculum co-developer in the crew interface area at the U.S. Navy Test Pilot School at Patuxent River, MD. He was the first known reserve instructor known to be attached to the school. While at AFOSR/IO as a Program Manager, he served as a liaison to USN Office for Naval Research (ONR) for internationally related bioterrorism issues, and represented AFOSR/AFRL at the by-invitation initial Western Hemisphere Anti-Bioterrorism Conference, and was a key S&T player in the outreach to Slovenia in 2002-2004 as it transitioned to becoming a NATO state at a critical time for the region's stability.

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During this time, he was selected by the SecAF/Acquisition team to moderate the high level brain-storming sessions on how to improve the systems engineering processes in the USAF Acquisitions system, and served as the Technical Co-Chair and Senior Governmental leadership organizer for the largest international Systems Engineering held to date.

Dr. Holland has over 100 academic presentations, abstracts, book reviews, publications, journal special edition, and book as co-author to his credit, including chairing over 50 scientific sessions at various scientific meetings. He served as one of several co-authors and as a research pilot/human factors research design advisor on the AsMA 2005 Tuttle Award research team lead by Dr. Mike Russo, resulting in contributions to related to all-night flying fatigue, and other general fatigue parameters. His dissertation on dynamic peripheral visual acuity under various level of workload and verbal intrusion earned him the 2002 Stanley N. Roscoe Award from the Aerospace Human Factors Association. In the past, he has been awarded the Won Chuel Kay Award for significant contributions to international aerospace medicine, and was more recently recognized by AsMA with the Sidney Leverett Environmental Science Award for his various contributions to Aerospace Systems development, including co-authoring the NASA-sponsored book "Breaking the Mishap Chain (2012)", which was nominated for the international Airbus Aviation Safety Award and touched on several areas of concern while flight testing new aerospace systems from a Human Systems Integration/Aerospace Medicine perspective. "Breaking the Mishap Chain (2012)" was reviewed by the Smithsonian Air and Space Magazine as a featured "book to buy". The Leverett Award also noted his co-leading the unique full-coverage G suit flights with prescribed profiles, with full physiological internal and external monitoring while in high-Gz flight in specially outfitted USAF Test Pilot School data jets, after centrifuge build-up. This project was joint across two commands, and multiple offices and the team was nominated for the international Collier Trophy by the USAF Test Pilot School and won several society conference awards/recognition for the team's research efforts. Dr. Holland was personally nominated by Test Pilot School Staff for the Society of Flight Test Engineers Kelly Johnson Award in 2012 for the "most significant" contribution to flight test engineering internationally. He is a Lifetime member of that organization and several other professional societies.

Dr. Holland has served on the AsMA Council for many years in the recent past, including Member-at-Large 2014-2017, and Representative from three various organizations prior to that window. He has also served the AsMA community on the Executive Committee, as the Awards Chair for 4 years, and on the AsMA Scientific Program for almost 20 years, with 4 other years in the past as the Book Reviews Editor.

### Ronak Shah to Lead Society of NASA Flight Surgeons

Ronak Shah, D.O., M.P.H., M.B.A., is the incoming 2018-19 president of the Society of NASA Flight Surgeons. Dr. Shah is the Medical Director of the NASA Johnson Space Center Clinic and is responsible for oversight of clinical services provided on campus. He is board-certified in Aerospace Medicine and Internal Medicine and received his Flight



Surgeon certification from the U.S. Army School of Aviation Medicine. He has provided operational medical support to NASA as a physician at Star City and at the Neutral Buoyancy Laboratory. Dr. Shah previously served as the Deputy Element Scientist for Exploration Medical Capability in the NASA Human Research Program.

A graduate of the New York College of Osteopathic Medicine, he completed a residency in Internal Medicine at Morristown Medical Center in Morristown, NJ. He remained there in private practice until joining the Aerospace Medicine Residency program at the University of Texas Medical Branch. Dr. Shah holds Masters' degrees in both Public Health and Business Administration. He is an Assistant Professor in the Department of Family Medicine at the UTMB and continues to provide medical care at St. Vincent's Clinic in Galveston, TX.

An Associate Fellow of AsMA, Dr. Shah received the William K. Douglas Scholarship Award during his UTMB/NASA Aerospace Medicine Residency. He also received the Order of Aeromedical Merit from the Society of U.S. Army Flight Surgeons. He is author or co-author on several articles and presentations to the Aerospace Medicine community.

### Carpenter Is Incoming President of SUSNFS

CDR Robert J. Carpenter, MC(FS) USN, has been installed as the President of the Society of U.S. Naval Flight Surgeons (SUSNFS) for 2018-2019. He was raised in San Diego, CA, and holds a Bachelor's Degree in Psychology from San Diego State University and a Doctorate in Osteopathic Medicine from Kirksville College of Osteopathic Medicine.



CDR Carpenter is residency trained and board certified in internal medicine and fellowship trained and board certified in infectious diseases. He is a graduate of the Naval Aerospace Medicine Institute and designated a Naval Flight Surgeon. He currently serves as Senior Medical Officer, USS Essex (LHD-2), San Diego, CA. He is also an Assistant Professor, Department of Medicine, at the Uniformed Services University of the Health Sciences, Bethesda, MD, from 2011 to present.

CDR Carpenter is a Fellow of the American College of Physicians and has authored a variety of published research articles. His active research project concerns the NAMI HIV Neurocognitive Experience: A retrospective review of aerospace medicine waivers granted for HIV infection.

CDR Carpenter previously served as Director of Clinical Services, Naval Aerospace Medicine Institute, Pensacola, FL; Chairman of the Infection Control Committee, Naval Hospital Pensacola, Head of HIV Section, Division of Infectious Diseases, Assistant Program Director for the Infectious Diseases Fellowship Program, and Chairman of the Infection

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Control Committee, Naval Medical Center San Diego; and Flight Surgeon, Branch Health Clinic, Joint Reserve Base Fort Worth, TX, providing operational support to the Naval Air Station, VR-59, and MAG-41.

CDR Carpenter's military awards include the Navy and Marine Corps Commendation Medal, Army Commendation Medal, Navy Achievement Medal, Army Achievement Medal, Meritorious Unit Commendation, National Defense Service, and Pistol Marksmanship.

### ANAHPs Incoming President Is Florom-Smith

Aubrey Florom-Smith, Ph.D., R.N., is the incoming President of the Aerospace Nursing and Allied Health Professionals



Society (ANAHPs). She is a Nurse Scientist and manages investigator-initiated research for Envision Physician Services across seven service lines nationwide. She earned a Bachelor of Science in nursing (BSN; cum laude) and a Ph.D. in nursing science from the University of Miami (Graduate School Award of Academic Merit), where she was a National Institutes of Health/

National Institute of Nursing Research Predoctoral Fellow. She is enrolled in the M.S. in Human Factors program at Embry-Riddle Aeronautical University, with a specialization in aerospace.

Dr. Florom-Smith's research interests include human health and performance in challenging environments and stressful conditions, and translational science. Her research experience includes designing and conducting quantitative and qualitative studies with physicians, nurses, and allied health professionals, continuing education research studies and quality improvement projects, and coordinating clinical research for a Level 1 Trauma center. Her grant writing experience includes writing/contributing to several NIH grants and over 30 research or continuing education grants submitted to major pharmaceutical companies.

Dr. Florom-Smith has received several honors and awards, including selection as a Jonas Foundation Nurse Leader Scholar, the Sigma Theta Tau (International Honor Society of Nursing) Rising Star of Scholarship and Research, and the March of Dimes Rising Star Award. She was a co-author of a continuing education quality improvement project awarded the Best in Class Award at Alliance for Continuing Education in the Health Professions Industry Summit 2017. She has published peer-reviewed research articles in journals such as the *Western Journal of Nursing Research*, *Public Health Nursing*, and *Nursing Research*, has presented at national and international conferences, and serves as a peer reviewer for several nursing journals.

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### Mathers Takes Reins as ASAMS President

Charles H. Mathers, M.D., M.P.H., is the incoming president of the American Society of Aerospace Medicine Specialists.



He received a Bachelor of Arts degree from Rice University in 2002 and a Medical Doctorate with Honors from the University of Texas Medical Branch School of Medicine in 2007. He is a graduate of the UTMB/NASA Internal Medicine/Aerospace Medicine residency program and served as Chief Medical Resident from 2010-2011.

Dr. Mathers is board-certified in Internal Medicine and Aerospace Medicine. From 2013 until 2017, he served as Assistant Professor and Associate Program Director for the UTMB/NASA Aerospace Medicine Residency Program where his duties included working as an FAA HIMS Senior Aviation Medical Examiner and Medical Director for UTMB's Aerospace Medicine Center. Dr. Mathers also served as Assistant Chief Medical Officer for UTMB's Center for Polar Medical Operations, which supports medical operations for the U.S. Antarctic Program.

Dr. Mathers recently joined the Aerospace Medical Certification Division as a Medical Officer for the Federal Aviation Administration's Office of Aerospace Medicine. He is also an Adjunct Assistant Professor of Clinical Preventive Medicine in the Department of Preventive Medicine and Community Health at the University of Texas Medical Branch.

Dr. Mathers is an AsMA Fellow with many honors, including the Society of NASA Flight Surgeons Outstanding Student Award; the Stanley R. Mohler Aerospace Medicine Endowed Scholarship; and the AsMA's Julian E. Ward Memorial Award. He has authored or co-authored 11 peer-reviewed papers, 8 book chapters and other publications, and presented over 50 presentations at national and international meetings. In addition, he is a private pilot and scuba diver.

### New President of SoUSAFFS is "Sparky" Matthews

Col. Walter M. "Sparky" Matthews, USAF, MC, is the incoming President of the Society of USAF Flight Surgeons. Col.



Matthews is the Commander of Task Force Medical-Afghanistan and the Commander of the 455th Expeditionary Medical Group at Craig Joint Theater Hospital, Bagram Airfield, Afghanistan. He provides medical command and control for all echelons above brigade across the CJOA-A, which includes U.S. and Coalition forces in nine separate operating locations.

Col Matthews' Task Force also provides medical force protection and disaster planning/response operations for CJOA-A in general, and Bagram Airfield specifically. In addition, Colonel Matthews commands CENTCOM's largest Role III hospital, providing trauma response and theater aeromedical evacuation capability.

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ities for Operations Resolute Support and Freedom's Sentinel.

Prior to assuming his current command, Col. Matthews commanded the 10th Medical Group at the U.S. Air Force Academy, where he also served as USAF Academy Command Surgeon and Senior Market Executive for the Colorado Springs Military Health System (eMSM). He also commanded the 7th Aerospace Medicine Squadron at Dyess AFB, TX, and the 92nd Aerospace Medicine Squadron at Fairchild AFB, WA. He served as the Air Force Surgeon General's Consultant for Aerospace Medicine and was selected Class President of the National War College Class of 2014.

Col (Dr.) Walter M. Matthews was born in Austin, TX. He earned a B.A. from Baylor University in Waco, TX, and an M.D. from Baylor College of Medicine in Houston. He also received his M.P.H. from the University of Texas Health Science Center, Houston, and an M.S. in National Strategic Studies from the National War College, Ft. McNair, DC. He entered active duty in 1996 and is an Aerospace Medicine Specialist, board certified in Aerospace Medicine and General Preventive Medicine & Public Health, and is rated as a Chief Flight Surgeon.

Col. Matthews has received numerous awards and decorations, including the Legion of Merit, Meritorious Service Medal with four Oak Leaf Clusters, Air Medal, Air Force Achievement Medal with three Oak Leaf Clusters, Iraq Campaign Medal with one Star, Global War on Terrorism Expeditionary Medal, Nuclear Deterrence Operations Service Medal with one Oak Leaf Cluster, and Air Force Expeditionary Service Ribbon with Gold Border with one Oak Leaf Cluster. An Associate Fellow of AsMA, Col. Matthews is also a Diplomate in both Aerospace Medicine and Public Health and General Preventive Medicine, American Board of Preventive Medicine.

### Monberg Continues as IAMFSP President

Robert Monberg, M.D., FAsMA, CAsP, continues his 2-year term as president of the International Association of Military Flight Surgeon Pilots (IAMFSP). A retired USAF F-16 pilot and physician, he is currently the Medical Director for U.S. Healthworks Occupational Health and Urgent Care Clinic in Fairbanks, AK. His professional interests include the physiology of flight and the design and operation of fighter aircraft life support systems, especially in short duration acceleration, altitude physiology, and acceleration induced lung effects.

Dr. Monberg received his B.S. degree from the USAF Academy in Colorado in 1991 and entered active duty upon graduation. After completing the USAF Flight Surgeon's Course at Brooks AFB, TX, in 1994, he went on to receive his M.D. from the Uniformed Services University of Health Sciences, Bethesda, MD, in 1995. He received a Diploma in Aviation Medicine from the Faculty of Occupational Medicine, Kings College, London, in 2013. He was promoted to Colonel and retired from the US. Air Force in May 2016.



### App Developed by AsMA Member Helps Improve Physician Performance

AirRx, an app that assists physicians volunteering in-flight assistance to sick passengers, has been shown to improve physician performance in a study at The Society for Academic Emergency Medicine Conference in May. **Dr. Paul Magalhães Alves**, an AsMA Fellow and recent winner of AsMA's John A. Tamisiea Award, is one of the developers of airRx, the app used in the study.

The study was conducted by Jump Simulation and used airRx and cases based on commonly occurring in-flight emergencies. Physicians were randomized into two groups, one with the app and one without. The study found that physicians using the app achieved higher scores and had higher confidence.

Dr. Alves is currently the Global Medical Director of Aviation Health, MedAire Inc. He is also a Past Chair of the AsMA Air Transport Medicine Committee.

For more on the study, please see the press release at <https://www.businesswire.com/news/home/20180515005372/en/Study-Emergency-Medicine-Conference-Practice-Mobile-App>.

### New Members

- Abd Rashid, Amei Farina; Shah Alam, Malaysia
- Al-nsour, Mohammad; Amman, Jordan
- Cravens, Matthew; Tucson, AZ, United States
- Duratinsky, Joseph; Ann Arbor, MI, United States
- Frijters, Erik; Soesterberg, Netherlands
- Inada, Maokoto; Tokorozawa-shi, Japan
- Kennon, Caleb; Saint Joseph, MO, United States
- Khan, Syeeda Uzma; Karachi, Pakistan
- Knight, William; Candler, NC, United States
- Marquinez, Frederick; Hudson, OH, United States
- Maruani, Patricia; Charenton-Le-Pont, France
- McBride, Jeffrey; Houston, TX, United States
- Ontiveros Ramirez, Jorge; Los Angeles, CA, United States
- Patel, Harnish; Chicago, IL, United States
- Purvis, Nina; Ashington, United Kingdom
- Reddis, Erin; Hurlburt Field, FL, United States
- Reed, James; Albany, GA, United States
- Schmidt, Frank; Branson West, MO, United States
- Sestito, Mariateresa; Dayton, OH, United States
- So, Ryung; Palm Bay, FL, United States
- Van Zanten, Veldhuijzen; Heemstede, Netherlands
- Vu, Paul; Wright-Patterson AFB, OH, United States
- Warkander, Dan; Wright-Patterson AFB, OH, United States
- Whalen, Stefanie; Pittsfield, MA, United States
- Wittenberg, Hans; Arnhem, Netherlands
- Zike, Lauri; El Paso, TX, United States

### Future AsMA Annual Scientific Meetings

May 5-9, 2019: Rio All Suites Hotel; Las Vegas, NV  
May 17-21, 2020: Hyatt Regency Atlanta; Atlanta, GA  
May 23-27, 2021: Peppermill Resort Hotel; Reno, NV

Past meetings are listed in the [List of Past and Future Meetings](#), found on the [future meetings page](#).

## NEWS OF CORPORATE MEMBERS

### Flight Care Is Newest AsMA Corporate Member

Flight Care – Vida Care Group is the newest Corporate and Sustaining Member of the Aerospace Medical Association (AsMA). Located in Brazil, this company works in the field of Occupational Health and Safety, providing assistance in implementing and maintaining the Regulatory Standards stipulated by the Brazilian Ministry of Labor. They offer a Web Solution system that helps companies manage occupational safety and health online that includes all Regulatory Standards. They also assist companies with implementing the Program of Medical Control and Occupational Health that is required by the Ministry of Labor and have a network of more than 300 accredited companies throughout Brazil.

—For more information on this company, please visit their site at <https://www.vidacare.com.br> (site in Portuguese).

### Mayo Clinic Doctor Receives Career Science Award

Sundeep Khosla, M.D, a researcher and physician at Mayo Clinic, has been named the recipient of the 2018 American Association of Clinical Endocrinologists (AACE) Frontiers in Science Award. Considered the AACE's highest honor, this award, "recognizes an individual who has demonstrated exemplary contributions to their profession or area of expertise." Dr. Khosla, an internationally regarded expert in osteoporosis, researches the mechanisms of age-related bone loss, sex steroid regulation of bone metabolism, and the detrimental effects of diabetes on bone. This has the potential to significantly affect how patients with osteoporosis are diagnosed and treated. Dr. Khosla received the award in May at the 27th AACE Annual Scientific & Clinical Congress in Boston.

—Please see <https://newsnetwork.mayoclinic.org/discussion/mayo-clinic-endocrinologist-receives-career-science-award-from-major-medical-association/> for more on this.

### Monash Ph.D. Fellow Recognized for Thrombosis Research

Senior MonashHeart cardiology registrar and Monash University Ph.D. fellow Dr. Hashrul Rashid was recognized for his research into thrombosis, receiving the highly competitive Best Oral Abstract Award at TCT Asia Pacific in Seoul, South Korea, last month. TCT Asia Pacific is the largest interventional cardiology conference in Asia Pacific and Dr. Rashid won the award against eight international finalists from Europe and Asia. He was awarded the prize by a five-panel member consisting of leading cardiologists from the United States, Europe, and Asia. Dr. Rashid's abstract, titled "CT-defined subclinical leaflet thrombosis following bioprosthetic aortic valves are associated with adverse cerebrovascular events," was recently published in Europe's highest impact interventional cardiology journal *Eurointervention*. He and MonashHeart are now involved in looking at cardiac and coagulation biomarkers in predicting subclinical leaflet thrombosis following transcatheter aortic valve replacements in collaboration with Monash Haematology.

—Please visit <https://www.monash.edu/medicine/news/latest/2018-articles/monashheart-research-improving-outcomes-for-cardiac-patients-at-risk-of-stroke> to read more about this.

### APA Establishes Disabled Pilot Advocacy Ad Hoc Committee

Allied Pilots Association (APA) President CA Dan Carey recently established the Disabled Pilot Advocacy Ad Hoc Committee to provide comprehensive support to all disabled pilots and their families. That support now begins with the pilot's point of disability and continues until his or her return to flying status or retirement, whichever comes first. The committee's goals include advocating on behalf of all disabled pilots with regard to company and union status and benefits; educating and ensuring that all disabled pilots and their families are receiving all pay and benefits they are entitled to under contract; providing guidance and ensuring that all disabled pilots and their families can review the current status of their case throughout the claims process; and collecting ideas for improvements in pilot disability benefits. A Town Hall will be planned soon to provide information on the committee's new initiatives.

—Please see <https://www.alliedpilots.org/News/ID/6045/Disabled-Pilot-Advocacy-Ad-Hoc-Committee> for more on this.

### SAA Joins with SA Tourism to Inspire Customers

South African Airways (SAA) has joined hands with SA Tourism to inspire customers with the legacy of Nelson Mandela. Copies of one of Madiba's favorite books "Dare Not Linger," co-written by him and South African writer Mandla Langa, were handed out to customers travelling to Durban as lead up to the Nelson Mandela Centenary which marks the year in which Mandela would have turned a 100 years old. The Nelson Mandela Centenary took center stage at the 2018 Africa Travel Indaba that was held in early May at Durban's Inkosi Albert Luthuli Convention Centre. SAA customers who travelled in early May from Johannesburg and Mango customers travelling from Johannesburg, Cape Town, and Lanseria to Durban, received the book at the departure check-in counters.

—Please visit <https://www.flysaa.com/about-us/leading-carrier/media-center/media-releases/newsroom#> (South African Airways and South African Tourism inspire customers with the legacy of Nelson Mandela).

### AOPA Works to Reverse FBO Power Shift

Fixed base operators (FBOs) have routinely become the only option for transient parking at many commercial service airports. Transportation Security Administration (TSA) regulations have been cited for this change. However, FBOs have sometimes imposed unreasonable access fees because of this shift from governmental control over access to public facilities to private companies who are not answerable to the public. The Aircraft Owners and Pilots Association (AOPA) wants to help airports reclaim their governance and offer alternatives directly to pilots and has been encouraging airport administrations to find other solutions. The TSA's airport security regulations do make other solutions available for serving transient pilots who may not need or want the full range of services offered by the FBO. Thus, AOPA is working to provide airport operators clarity on alternative means of

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compliance for TSA regulations and security directives. The requirements obligate a commercial-service airport to maintain a TSA-approved security program. TSA officials, in discussions with AOPA, have welcomed alternatives.

—Please visit <https://www.aopa.org/news-and-media/all-news/2018/may/10/reversing-a-power-shift> to read more.

### ETC Awarded Contract to Deliver ADMS to Taiwan

Environmental Tectonics Corporation's (ETC's) Simulation business unit, located in Orlando, FL, has been awarded a contract to deliver an Advanced Disaster Management Simulator (ADMS™) system to New Taipei City Fire Department in Taiwan. The ADMS-Command system will be installed at the new Emergency Response Command Academy (ERCA) in New Taipei City. This multi-level command training center will allow training at all levels, from fire fighters up to strategic decision makers. A section of New Taipei City will be modeled. Fire trucks and other emergency response vehicles with their crews will also be localized for training realism.

—Please visit <https://www.etcusa.com/etc-simulation-awarded-contract-to-deliver-adms-training-system-to-new-taipei-city-emergency-response-command-academy-taiwan/> to read more about this.

### MEETINGS CALENDAR

**6-8 June 2018;** XXX National Congress of AIMAS; Caserta, Italy. For more information, please visit [www.aimas.it](http://www.aimas.it) or contact LTC (M.D.) Paolo Verde by phone at +39 06 91293471 or via email at [segreteria@aimas.it](mailto:segreteria@aimas.it).

**June 19-21, 2018;** 2018 FAA-EASA International Aviation Safety Conference; Washington, DC. For more, please visit <https://www.easa.europa.eu/newsroom-and-events/events/2018-faa-easa-international-safety-conference>.

**June 20-22, 2018;** 7th International Conference of Neurology and Neuromuscular Diseases (ICNND 2018); Warsaw, Poland. For more information, please visit <http://neuromuscular.cmesociety.com/>.

**June 21-22, 2018;** European Pilot Peer Support Initiative (EPPSI) workshop; Park Inn by Radisson Blue Hotel at Frankfurt Airport. For more information, please visit <http://eppsi.eu/workshop2018/>.

**June 25-29, 2018;** EAAP Human Factors in Flight Safety training course; NetJets, Lisbon. For more information, please visit <https://www.eaap.net/read/4212/initial-human-factors-in-flight-safety.html>.

**June 28-30, 2018;** UHMS Annual Scientific Meeting; Disney's Coronado Springs Resort, Lake Buena Vista, FL. For more info, please visit <https://www.uhms.org/asm-new.html>.

### Corporate News Bites

**ALPA:** The Air Line Pilots Association, International (ALPA), is working to remove a provision from the Federal Aviation Administration (FAA) reauthorization bill that calls for research and development on the use of remote operations or computer piloting technology to replace pilots in cargo operations. ALPA feels this is not safe and plans to use every resource to get that provision removed. For more, please visit <https://www.alpa.org/news-and-events/news-room/2018-05-17-remove-dangerous-provision-from-faa-bill>.

**AMAS:** Aviation Medicine Advisory Service's (AMAS's) President, Dr. Quay Snyder, has attended two HIMS retreats and meetings of the Civil Aviation Medical Association, the Airline Medical Directors Association, and the Aerospace Medical Association. During the retreats, Dr. Snyder discussed current practices, updates, and potential improvements to the HIMS program treatment facilities and pilot monitoring; assisted with guiding pilots in recovery from addiction; and evaluated chemical dependency treatment centers' best practices to support pilots and FAA certification. At the AsMA meeting, he co-chaired three panels. To read more about AMAS's current activities, please see <https://www.aviationmedicine.com/amas-notams/latest-amas-news/>.

**NKI:** NeuroKinetic's (NKI's) I-PAS eye-tracking test has been chosen by IndyCar as part of its concussion evaluation protocol for drivers competing in the Indianapolis 500, Indy Lights, Pro Mazda Championship and U.S. F2000 National Championship. I-PAS will be used during the 2018 season and beyond. To see more about this, please visit <https://www.indycar.com/News/2018/05/05-17-INDYCAR-IPAS-concussion-protocol>.

### Upcoming FAA AME Seminars

<u>Dates</u>	<u>Location</u>	<u>Seminar Type</u>
June 11-15, 2018	Oklahoma City, OK	Basic*
Aug. 10-12, 2018	Washington, DC	Refresher##
Sept. 27-29, 2018	Anchorage, AK	CAMA++
Sept. TBD	Denver, CO	Referresher##
Oct. 22-26, 2018	Oklahoma City, OK	Basic*
Dec. 7-9, 2018	Salt Lake City, UT	Refresher##

**PLEASE NOTE:** The only FAA seminar AsMA takes registrations for is the one held in conjunction with our annual meeting in May. For all others, please contact the FAA.

For more, visit: [http://www.faa.gov/other\\_visit/aviation\\_industry/designees\\_delegations/designee\\_types/ame/seminar\\_schedule/](http://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/seminar_schedule/).