



# Ever Upward: June 2024

## 2024-2025 Constituent Organization Presidents

### Averett-Brauer Is New ANAHPS President

Tamara “AB” Averett-Brauer, MN, RN, Col., USAF (Ret.), is the incoming President for the Aerospace Nursing and Allied Health Professionals Society (ANAHPS). She served 29 years in the U.S. Air Force as Pacific Air Forces Command Nurse, Squadron Commander, Chief Nurse, Flight Nurse, and Tanker Airlift Control Center Barrel Master. She is a Chief Flight Nurse with over 1200 flight hours. Her operational and deployed experiences include two tours in Afghanistan supporting Operation Enduring Freedom, first as Chief Nurse, Craig Joint



Theater Hospital/JTF-MED, and then as 451st Expeditionary Aeromedical Evacuation Squadron Commander. Additionally, she was the 775th Expeditionary Aeromedical Evacuation Squadron Director of Operations for the U.S. redistribution of patients from Operation Iraqi Freedom. Her operational Flight Nurse tours included 2nd Aeromedical Evacuation Squadron (AES) and 86 AES Ramstein AB, Germany, where she was a Flight Nurse Instructor and Flight Nurse Examiner, and when she returned as the 86 AE Squadron Commander. She served as the Military Consultant to the Air Force Surgeon General for Aeromedical Evacuation and Flight Nursing from 2010–2015.

Ms. Averett-Brauer retired from active duty and set out on an RV adventure for 9 months with her spouse. The call came to serve again as an Air Force civilian and led them to Dayton, OH, and her current position as a Senior Health Scientist/Nurse Researcher at the Air Force Research Laboratory, Wright-Patterson AFB, OH, for the Defense Health Program and Air Force Medical Service research efforts addressing identified research gaps in en route care/aeromedical evacuation and expeditionary medicine. She guides research teams conducting active projects.

Ms. Averett-Brauer is a Life Member of the Society of Federal Health Care Professionals and a member of the American Nurses Association, the Nebraska Nurses Association, and the Air and Surface Transport Nurses Association. Within AsMA, she has served on the Scientific Program Committee. Her honors and awards include the Legion of Merit, the Bronze Star, the Meritorious Service Medal with six oak leaf clusters, the Barbara C. Brannon Nursing Leadership Award from the Pacific Air Forces, the Aeromedical Evacuation Excellence in Management Award from Mobility Air Forces, Field Grade Nurse of the Year from the 81<sup>st</sup> Medical Group at Keesler AFB, MS, and the Mary T. Klinker Award from the Aerospace Medi-

cal Association. She has presented at AsMA’s Annual Scientific Meeting as well as at meetings of the Asia Pacific Military Nurse Exchange, the Society of Federal Health Professionals, and the Military Health System Research Symposium.

### Birchfield To Lead ASAMS

Col. Patrick T. Birchfield, USA, D.O., M.P.H., MSS, FAOC-OPM, FAsMA, is the incoming President of the American Society of Aerospace Medicine Specialists (ASAMS). He is a native of Chattanooga, TN, and graduated with a Bachelor of Science degree in Biology from The University of Tennessee at Chattanooga in 1995. He served as an airborne treatment platoon leader and company executive officer with Headquarters and Headquarters Company (later renamed Company D) of the 261<sup>st</sup> Area Support Medical Battalion at Fort Bragg. Afterwards, he served as the executive officer for the 257<sup>th</sup> Medical Company (Dental Services). In 2002, he received his Doctor of Osteopathic Medicine degree from Kansas City University. He completed a transitional internship at Dwight D. Eisenhower Army Medical Center in 2003, and in 2004 earned a Master of Public Health degree from the University of Texas Medical Branch at Galveston. He completed his Aerospace Medicine Residency at the Naval Operational Medicine Institute in 2006 and in that same year became board certified in Aerospace Medicine from the American Osteopathic Board of Occupational and Preventive Medicine. In 2014, Dr. Birchfield became a fellow in the American Osteopathic College of Occupational and Preventive Medicine, and has served as Aerospace Division Chair, Treasurer, President-Elect/Program Chair, President, Past-President, and is currently on the Board of Trustees. In May 2018 he was elected a Fellow in the Aerospace Medical Association and serves on the Awards Committee and Tuttle Award Committee of that organization.



From 2006–2009, Col. Birchfield served as the battalion flight surgeon for the 6-101<sup>st</sup> Aviation Regiment and also served a year in Afghanistan as the Task Force Shadow flight surgeon stationed at Bagram Air Base. From 2009–2011 he served as the Brigade flight surgeon for the 101<sup>st</sup> Combat Aviation Brigade, where he served as the Task Force Destiny flight surgeon for a year at Kandahar Air Base in Southern Afghanistan. Next, he became an instructor for the Army Medical Department Captains Career Course, Fort Sam Houston, TX. He then served as Chief of Aeromedical Consultation at the U.S. Army Aeromedical Activity, Fort Rucker, AL. He was the Troop Battalion Commander at Blanchfield Army Community Hospital, Fort Campbell, KY, from 2015–2017 and served as the Deputy Commander for Clinical Services (Chief Medical Officer) for Fox Army Health Clinic at Redstone Arsenal, AL.

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After earning a Master of Strategic Studies degree at the U.S. Army War College, he served as Commander of Blanchfield Army Community Hospital, Fort Campbell, KY. Currently, he is the Command Surgeon for the U.S. Army Space and Missile Defense Command.

Col. Birchfield's awards include the Legion of Merit, Bronze Star Medal with oak leaf cluster, the Meritorious Service Medal with three oak leaf clusters, the Army Commendation Medal with two oak leaf clusters, the Army Achievement Medal, and the Afghanistan Campaign Medal with two Campaign Stars. He also holds the Expert Field Medical Badge, the Senior Flight Surgeon Badge, the Army Basic Space Badge, the Air Assault Badge, the Pathfinder Badge, the Parachutist Badge, the Naval Flight Surgeon Badge, the Order of Military Medical Merit, the Order of Aeromedical Merit, and the Aviation Order of Saint Michael, Bronze Award.

### Lester Is Incoming AsHFA President

Harriet Lester is the incoming President for the Aerospace Human Factors Association (AsHFA). She is Eastern Regional Flight Surgeon (RFS), a position she has served in since 2001, at the Federal Aviation Administration (FAA) Office of Aerospace Medicine (AAM), Aviation Safety (AVS), with aeromedical oversight responsibility for New York, New Jersey, Pennsylvania, Virginia, West Virginia, Maryland, Delaware, and the District of Columbia. She concurrently served as Acting Senior Regional Flight Surgeon in 2022 through the height of the pandemic, with national oversight responsibility for all FAA aeromedical regions.



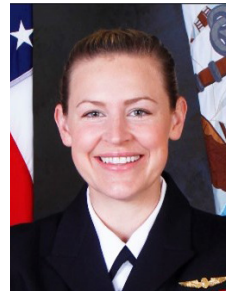
Dr. Lester is involved with mentoring and STEM, serving on the Advisory Council of York College Aviation Institute (City College of New York, CCNY), as well as on the Wings Club History and Education Committee. She is involved with efforts to address the problem of Laser Strikes, and is also involved with ICAO related initiatives. She co-created the "Virtual Site Visit" that enabled Aviation Medical Examiner designee site visit audits without travel, with more than 2000 performed to date in the United States and internationally. She has been part of many emergency responses, starting with the post-9/11 rapid expansion of Federal Air Marshals up through COVID. She helped coordinate the very first centralized hiring initiative for FAA Air Traffic Controllers and continues to support new hiring initiatives.

Dr. Lester is a Fellow of the Aerospace Medical Association (AsMA), Civil Aviation Medical Association (CAMA), American Academy of Ophthalmology (AAO), and AsMA Human Factors Association (AsHFA). She has served as AsMA Council Member-at-Large from 2021–2024, as AsHFA Executive Committee Member-At-Large since 2018, and as AsHFA Program Chair since 2022. She has served 15 consecutive years as Chair and Co-Chair of the FAA Regional Occupational Safety and Health Committee (OSHECCOM), bringing together management and labor and continues to create numerous collaborations to promote understanding of the "Special Senses" and Human Factors to support the safety of the National Airspace System. Board Certified in Ophthalmology, she is a past recipi-

ent of the Thomas J. and Margaret D. Tredici Award for contributions to aerospace ophthalmology and vision science, and a past recipient of the Marie Marvingt Award for excellence and innovation.

### Ramsburg to Lead AsPS

Lieutenant Commander Constance Ramsburg, MSC, USN, is the 2024–2025 Aerospace Physiology Society President. She is originally from Florida and grew up in Colorado. She has an M.S. in Human Systems Integration from the Naval Postgraduate School, a M.S. in Kinesiology and Wellness from Louisiana State University in Shreveport, and a B.A. in Human Performance and Sport - Exercise Science with a Minor in Nutrition from Metropolitan State University of Denver. From 2004–2012, she was on the U.S. Karate and the U.S. Olympic Weightlifting High-Performance Center teams earning several International and National medals for team USA, including a silver medal at the 2008 Wado-Kai World Championships.



In 2014, Lt.Cdr. Ramsburg received a commission as Lieutenant Junior Grade in the U.S. Navy. In 2015, she completed Aeromedical Officer School at the Naval Aerospace Medical Institute in Pensacola, FL, and became a Naval Aerospace and Operational Physiologist. She reported to Aviation Survival Training Center, Patuxent River, MD, in 2015, where she served as Division Officer and Interim Assistant Director and completed the NAOP Internship Program. In November 2015, she was promoted to Lieutenant. In 2017, she reported to Marine Aircraft Group 24, Kaneohe Bay, HI, as the Aeromedical Safety Officer. In 2018, while supporting Joint Task Force 50 during the Kilauea Volcano Direct Support to Civilian Authorities, she conducted the first in-flight testing of the Aviation Chemical Biological Radiological Nuclear (CBRN) filter in a volcanic environment and created the first ever aircrew exposure limits for Aviation CBRN flight equipment in a volcanic environment, setting a scientific baseline for future volcanic events.

In 2019, Lt.Cdr. Ramsburg became a board-certified Aerospace Physiologist and a Fleet Marine Force Warfare Officer. In 2020, she was elected to serve on AsPS's Board of Governors and the U.S. Navy's Medical Service Corps High Reliability Organizations Strategic Goal Group. In 2020, she reported to 4th Marine Aircraft Wing (MAW) as the Aeromedical Safety Officer, where she authored the 4th MAW Campaign Plan and was the Lead Planner for the Gunslinger '22 Joint Combat Rescue Exercise. In October 2021, she was promoted to Lieutenant Commander. In 2022, she began her Fellowship in Human Performance & Optimization in Extreme Environments at the NASA Johnson Space Center in Houston, TX. At NASA, she is integrating across the Biomedical Research & Environmental Sciences and Medical Operations Divisions within the Human Health & Performance Directorate. She has over 300 flight hours in 17 Type/Model/Series aircraft. Her awards and decorations include: three Navy and Marine Corps Commendation Medals, two Navy and Marine Corps Achievement Medals, NASA Silver Achievement Medal, National Defense Service Medal, Global War on Terrorism Service Medal, Korean Defense Service Medal, Pistol Marksmanship Medal, Rifle Marks-

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man Ribbon, 2022 Aerospace Physiology Society President's Award, and 2018 Naval Aerospace and Operational Physiologist of the Year.

### Pombal to Head IAMA

Rui Pombal, M.D., is the incoming President for the International Airline Medical Association. He has worked in aviation medicine for over 20 years as medical director for UCS-TAP Air Portugal Group Health Services, running its aeromedical centre in Lisbon, Portugal. He is currently IATA Medical Advisor. He holds a Masters in Aviation Medicine and is a certified European Union Aviation Safety Agency and Federal Aviation Administration medical examiner. He first specialized in family medicine and his other areas of special interest include travel medicine and clinical assessment in pharmacovigilance/safety of medicines. He regularly teaches in national and international post-graduate aviation medicine, travel medicine, and pharmacovigilance programs, and has authored or co-authored publications in those fields.

Dr. Pombal is a founding member of SMAPOR, the Portuguese Aerospace Medicine Society, of which he was the first President, and has served in the Board of the Portuguese Travel Medicine Society. He has been active in international organizations as well, having chaired the ASMA Air Transport Medicine Committee and, as an IAASM Academician, served in the Academy's Selectors Committee. He is an ASMA Associate Fellow and a member of the International Society of Travel Medicine.

Dr. Pombal is currently President of the Organizing Committee of the 2<sup>nd</sup> International Congress of Aerospace Medicine, which will take place in Lisbon, October 3-5, 2024. He believes this fits well with his passion for collaboration projects and for communicating aerospace medicine topics. He has been a long standing, active member of IAMA, having chaired its Scientific Meeting Program in 2018. He received the International Airline Medical Association George Kidera Award in 2021.

### Smith to Lead IAMFSP

Lt. Col. William "David" Smith, M.D., M.P.H., is the 2024-2026 President of the International Association of Military Flight Surgeon Pilots (IAMFSP). As a special operations pilot-physician he flew the MC-130J Commando II and remains actively engaged in human systems integration issues for the USAF. He is currently an Aerospace Medicine Resident (class of 2024) at Wright-Patterson AFB, OH, where he serves as the Chief Resident. Prior to this assignment, he served at Headquarters Air Force Special Operations Command A5/8, Hurlburt Field, FL, as the command's senior pilot-physician and Chief of the Integration and Interoperability Branch.

Lt. Col. Smith was commissioned through the Health Professions Scholarship Program in 2006 and earned his Doctor of



Medicine in 2009 from East Tennessee State University Quillen College of Medicine. He then served an Internal Medicine internship at San Antonio Uniformed Services Health Education Consortium, San Antonio, TX, and graduated from the Aerospace Medicine Primary Course at Brooks City-Base, TX, in 2010. He served as a flight surgeon at Tyndall AFB, FL, until 2013 and graduated from undergraduate pilot training at Columbus AFB, MS, in 2014. He was a distinguished graduate of the MC-130J Mission Pilot Transition course at Kirtland AFB, NM. From 2016-2019 he served as MC-130J pilot-physician, assistant operations officer, and Inspector General Director of Complaints Resolution at the 9 SOS and 27 SOW, Cannon AFB, NM. He is a pilot-physician with over 1200 flight hours in the MC-130J and numerous other aircraft. He has deployed as a flight surgeon in support of U.S. Southern Command's counterdrug mission and as a combat pilot in support of operations Freedom's Sentinel, Resolute Support, and Inherent Resolve.

### Urquieta Is Incoming LSBEB President

Emmanuel Urquieta, M.D., M.S., FAsMA, is the 2024-2025 President for the Life Sciences and Biomedical Branch. He holds a medical degree and specialty in emergency medicine from Anahuac University in Mexico City as well as a Master of Science degree in aerospace medicine from Wright State University in Dayton, OH, United States. He worked for Mexico City's Police Department as a flight surgeon in the Helicopter Emergency Medical Service "Condors" where he participated in hundreds of rescue missions and aeromedical evacuations within the Mexico City metropolitan area. He has volunteered in medical missions in underserved regions throughout Mexico and in Nigeria, Africa. He was a volunteer paramedic for the Mexican Red Cross for more than 5 years.



Dr. Urquieta participated as a crewmember of an analog mission at NASA Johnson Space Center: in 2017 he was selected to participate in the Human Exploration Research Analog (HERA) XI mission where he spent 30 days in a capsule simulating a deep space long duration mission. He currently serves as chief medical officer at the NASA funded Translational Research Institute for Space Health where he manages medical research for missions to the Moon and Mars, the commercial spaceflight program EXPAND, and analog capabilities, including partnerships with the Australian Antarctic Division. He also has a dual faculty appointment as an Assistant Professor in the Department of Emergency Medicine and Center for Space Medicine at Baylor College of Medicine.

Dr. Urquieta is a Fellow of the Aerospace Medical Association and has twice been awarded the NASA HRP Peer Award. He is an author or co-author of six articles and was a guest speaker at Space Center Houston in 2016. He is also a member of the Aerospace Nursing and Allied Health Professionals and the Aerospace Physiology Society.

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## Thompson To Head NASA Flight Surgeons

Moriah S. Thompson, M.D., M.P.H., is the incoming President for the Society of NASA Flight Surgeons. She earned a B.Sc. in Biomedical Engineering in 2009 at Texas A&M University in College Station, TX, an M.D. in 2014 at UT Southwestern Medical School in Dallas, TX, and an M.P.H. in 2018 at the University of Texas Medical Branch (UTMB), Galveston, TX. She served a residency in Emergency Medicine at the Mayo School of Graduate Medical Education in Rochester, MN, from 2014–2017, and an Aerospace Medicine residency at UTMB from



2017–2019. She began her career as an Exploration Systems Mission Directorate Intern at NASA Johnson Space Center, Houston, TX, in 2007 and went on to be a Student Researcher, Undergraduate Team Lead, at the Space Engineering Institute, College Station, TX, from 2005–2009, and then became a National Space Biomedical Research Institute Intern, again at NASA Johnson Space Center, in 2010, and then a Pathways Intern in 2012.

In 2014, Dr. Thompson entered the Emergency Medicine Residency at Mayo Clinic, Rochester, and in 2015 also became Emergency Services Co-Medical Director at Zumbrotta Area Ambulance, MN. She was an Aerospace Medicine Resident Physician, Chief Resident, at the University of Texas Medical Branch (UTMB) starting in 2017 and later that year became an Emergency Medicine Physician at Clear Lake Regional Medical Center, Webster, TX. From 2019–2020, she also served as an Emergency Medicine Physician, Schumacher Clinical Partners, at Clear Lake Regional Medical Center. In 2019, she took her current position as Flight Surgeon, Exploration Medical Integrated Product Team Lead, in the Space and Clinical Operations Division at NASA Johnson Space Center, Houston, TX.

Dr. Thompson is an Associate Fellow of the Aerospace Medical Association (AsMA) and a member of the Society of NASA Flight Surgeons. Within AsMA, she is a member of the Education and Training Committee, the Nominating Committee, and the Associate Fellows Group. She is also a member of the Society of Women Engineers, where she was Executive Secretary from 2007–2008 and then President from 2008–2009 of the Texas A&M University Section. Her awards include an Outstanding Student Award from the Society of NASA Flight Surgeons, a Residency Service Award and Outstanding Resident Research Innovation award from Mayo Clinic Emergency Medicine, the Jeffrey R. Davis and Stanley R. Mohler Aerospace Medicine Endowed Scholarships from AsMA, the Julian E. Ward Award from AsMA, and an Early Career Achievement Award from NASA.

## Hanson Is Incoming SMA President

Andrea Hanson, Ph.D., is the incoming President for the Space Medicine Association (SMA). She is a human systems engineer at NASA's Johnson Space Center. She currently supports the Human Landing System Program under the Health and Medical Technical Authority as the Crew Health and Performance Lead to commercial providers, working on development of the next Lunar Lander, Lunar Terrain Vehicle, and EVA Services. In her early career she supported the Biomedical Sciences Branch as the ISS Exercise Countermeasures Operations Integration



Lead, and the NASA Technical Lead for Countermeasure Operations with the Exercise Physiology and Countermeasures Laboratory at Johnson Space Center. She has served as a principal investigator for research conducted on the Space Shuttle and International Space Station focused on technology development to advance capabilities of in-flight fitness and performance through more robust physiological monitoring and targeted countermeasures.

She moved on to support the Human Research Program and worked with the Exploration Medical Capabilities Element Systems Engineering & Integration team, implementing model-based systems engineering practices. She also served as the Manager for the CNS/BMed/SM (CBS) Portfolio within the Human Factors and Behavioral Performance Element of Human Research Program, implementing complex multi-disciplinary models to establish a baseline understanding of the impacts of deep space travel and prolonged radiation exposure on cognitive and physical performance.

Dr. Hanson earned a B.S. in Chemical Engineering from the University of North Dakota, and a Masters and Ph.D. in Aerospace Engineering from the University of Colorado Boulder. She was an NSBRI Postdoc at the University of Washington and conducted NASA sponsored research in the department of Orthopedics and Sports Medicine, developing musculoskeletal models and wireless monitoring systems to track astronaut health on the Moon and Mars. She is an avid sailor and active in the local competitive sailing community.

## Woodard Is SoUSAFFS President

Tory Woodard, B.A., M.D., M.P.H., Col., USAF, is incoming President for the Society of U.S. Air Force Flight Surgeons



(SoUSAFFS). He is the Commander, U.S. Air Force School of Aerospace Medicine (USAFSAM), 711th Human Performance Wing, Air Force Research Laboratory, Wright-Patterson Air Force Base, OH. He was born in Everett, WA, and entered the Air Force to attend the Uniformed Services University of the Health Sciences (USUHS). After earning his Doctor of Medicine, he completed a Family Medicine residency at Andrews Air Force

Base (AFB). He later earned a Master of Public Health degree from the Harvard School of Public Health while completing the U.S. Air Force Residency in Aerospace Medicine. In his career he has served in roles as Medical Group Commander, Squadron Commander, Chief of Aerospace Medicine, family physician, and squadron flight surgeon. He has deployed numerous times in support of peacetime and contingency operations. Prior to his current position, the Colonel was Commander, 332d Expeditionary Medical Group.

Col. Woodard is board certified in Family Medicine, Aerospace Medicine, and Occupational Medicine. As a Chief Flight Surgeon, he has flown over 800 hours in a variety of aircraft. His awards include the Army Achievement Medal, the Air Force Achievement Medal with two oak leaf clusters, the Air Force Commendation Medal, the Aerial Achievement Medal, the

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Air Medal with three oak leaf clusters, the Meritorious Service Medal with four oak leaf clusters, and the Legion of Merit. He is an Associate Fellow of the Aerospace Medical Association.

### Johnson to Lead Army Flight Surgeons

Erik Johnson, D.O., M.P.H., is the 2024–2025 President for the Society of U.S. Army Flight Surgeons. He is an Army Aerospace and Occupational Medicine Specialist currently serving as the Chief, Aviation Medicine Branch, at the Department of Aviation Medicine at Fort Novosel, AL. In this capacity he is the primary instructor for the U.S. Army Flight Surgeon Course. He has served 7 years in operational medicine as either a Battalion or Brigade Flight Surgeon with combat deployments in each role, both with the 10th Combat Aviation Brigade to Afghanistan in support of Operation Enduring Freedom and Operation Freedom's Sentinel.



Dr. Johnson graduated from the Aerospace Medicine residency program in 2018 and the Occupational Medicine program in 2019, both at the Department of Aviation Medicine at Fort Novosel. He previously completed a General Surgery Internship in 2012 at Madigan Army Medical Center at Joint Base Lewis-McChord, WA. In 2011 he received his doctorate degree from Lake Erie College of Osteopathic Medicine, and also has his M.P.H. from the University of West Florida, received in 2018. He serves on AsMA's History and Archives Committee

### Monlux to Head SUSNFS

Daniel Monlux, M.D., M.P.H., will be the 2024–2025 President for the Society of U.S. Navy Flight Surgeons (SUSNFS). He is board certified in Family Medicine and Aerospace Medicine. He is also a Naval Flight Surgeon, practicing Senior HIMS FAA Aviation Medical Examiner, and co-founder of Wingman Med, which provides consulting services for pilots with complicated medical certification issues.



Dr. Monlux began his professional career as a Naval Aviator in 1998. After flight school, he was selected to fly the F/A-18 Hornet and deployed multiple times aboard the USS *Kitty Hawk* (CV 63). He flew 21 combat missions in support of Operations Southern Watch and Iraqi Freedom and later served as instructor at VMFAT-101 in Miramar, CA. He attended medical school at the Uniformed Services University in Bethesda, MD, followed by Family Medicine residency training at Fort Belvoir, VA. After further training as an Aeromedical Dual Designator (AMDD) and assigned to U.S. Naval Hospital Okinawa (USNHO), Japan. There he served as Department Head for Branch Medical Clinic Futenma, senior medical officer for all branch clinics in Okinawa, and flew as a pilot with Futenma H&HS in the UC-35D (Cessna Citation) aircraft.

After his assignment to Okinawa, Dr. Monlux was selected for additional specialty training in Aerospace Medicine at the

Navy Aerospace Medicine Institute in Pensacola, FL, which he completed in June of 2021. For the next 2 years he served as Senior Medical Officer aboard USS *Abraham Lincoln* and Carrier Strike Group 3 Surgeon. He plans to retire from Naval service in August 2024. He is a member of the Association of Military Surgeons of the United States, the American Academy of Physicians, and the Aerospace Medical Association. His awards include the Overseas Service Ribbon, the Global War on Terrorism Service Medal, the National Defense Medal, two Navy Achievement Medals and two Navy Commendation Medals, the Air Medal for Meritorious Achievement, and the Meritorious Service Medal.

### New Members

AsMA welcomed 45 new members in the past month.

- Ahmed, Muhammad Fayyaz; Chicago, IL, United States
- Askins, Jack; Wichita Falls, TX, United States
- Ayyappan, Aishwarya; Hudson, NY, United States
- Boyd, Elbert; Raleigh, NC, United States
- Breznak, Karen; Scottsdale, AZ, United States
- Caicedo, Daniel; Mount Prospect, IL, United States
- Casella, Zachery; Naples, FL, United States
- Chauvin, Daren; San Antonio, TX, United States
- Day, Sarah; Farnborough, Hampshire, United Kingdom
- Doobay, Dharmendra; Richmond Hill, Ontario, Canada
- Eldenhed Alwan, Erika; Oxie, Malmö Municipality, Sweden
- Enakal, Srihari; Gvaliyar Up-Jila, Madhya Pradesh, India
- Etlin, Sofia; New York, NY, United States
- Favero, Nicolo; London, United Kingdom
- Firoozfard, Behroz; København, Denmark
- Fray, Dalton; North Las Vegas, NV, United States
- Garlick, Jeremy; Kaneohe, HI, United States
- Hume Rivera, Diana; Cleveland, OH, United States
- Janewicz, Michał; Warszawa, Poland
- Jen Kin, Myles; Leominster, MA, United States
- Kam, Cheryl; Singapore, Singapore
- Karmali, Faisal; Belmont, MA, United States
- Korrapati, Krishi; Lake Bluff, IL, United States
- Kristin, Kristin; Oslo, Norway
- Kumar, Divy; Skokie, IL, United States
- LeStronge, Jesse; Hampstead, NC, United States
- Lindgren, James; Phoenix, AZ, United States
- McDowell, Caroline; Fredericksburg, VA, United States
- Mori, Jonathan; San Francisco, CA, United States
- Murphy, Richard; Oklahoma City, OK, United States
- Mushtaq, Sumbal; Islamabad, Pakistan
- Nimmer, Mary; Bluffton, SC, United States
- O'Neill, Owen; Sleepy Hollow, NY, United States
- Oo, Htun; Mittagong, New South Wales, Australia
- Rolfe, Michael; Milwaukee, WI, United States
- Sellmann, Timur; Mülheim an der Ruhr, North Rhine-Westphalia, Germany
- Shastri, Krish; Pomona, CA, United States
- Silveira, Tiago; Pirassununga, São Paulo, Brazil
- Soni, Krish; Fairfax, VA, United States
- Spilkin, Amanda; Saint-Lambert, Quebec, Canada
- Stephenson, Jerri; Clear Lake Shores, TX, United States
- Tran, Michael; Edinburg, TX, United States
- Truesdale, M. Melinda; Toorak, Victoria, Australia

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- Vassiliev, Nicolas; Chicago, IL, United States
- Zaugg, Darrell; APO AE, United States

AsMA also welcomed back four returning members:

- Chavez, Tomas; Oro Valley, AZ, United States
- Miningou, Soli; Ouagadougou, Burkina Faso
- Rogers, Greg; Pensacola, FL, United States
- Serkowski, Richard; Colbert, WA, United States



## Wing News

### Message from New Wing President, Jackie Bohnker

94th AsMA Scientific Meeting, The Wing of AsMA  
Hyatt Regency, Chicago, IL; May 5–10, 2024



Jackie Bohnker,  
Wing President,  
Atlanta, 2024–2025

Chicago! Amazing city with so many opportunities to visit with old friends and new friends. Thank you, thank you to Fran Laue and her wonderful board for an amazing WING Week.

It is my privilege to serve as President of the Wing for our meeting in Atlanta. Thank you for allowing me this opportunity. I am looking forward to working with some amazing people for the next year.

If you have never been to Atlanta, you are in for a treat! Did you know Atlanta has been ranked as one of the best cities to start a career? It also can boast of having the densest urban tree coverage of any major city in the United States. It was a major

organizing center of the Civil Rights Movement. In more recent eras, it has become a major transportation center and a vibrant, wonderful place to explore.

If you have never been, please **mark your calendars for June 1–6, 2025**. Come explore with us and have a great time.

Smiles,

*Jackie*

Jackie Bohnker  
2024–2025 President  
The Wing of AsMA



Outgoing Wing President Fran Laue (left) hands the gavel to incoming Wing President Jackie Bohnker (right) at the Annual Wing Business Meeting and Luncheon, May 8, 2024.

### Crossword Puzzle on Brief Hiatus

The monthly crossword puzzle will return in July.

### Meetings Calendar

**July 30–Aug. 1, 2024;** 13th Annual International Space Station Research and Development Conference (ISSRDC); Boston, MA, United States. Early registration is now open until May 24. To register or for more information, please visit <https://issconference.org/>.

### Calls for Papers

**Ongoing;** International Astronautical Federation (IAF) Global Networking Forum Space Conversations Series; ONLINE, 14:00 Paris time. Please visit <https://www.iafastro.org/events/iaf-gnf-space-conversations-series/> for more info.

### FAA AME Seminars

*These are offered by the FAA AME Program Office.*

June 10-14, 2024	Oklahoma City, OK	Basic
Aug. 9-11, 2024	Indianapolis, IN	Refresher
Sept. 19-21, 2024	Jacksonville, FL	CAMA
Oct. 21-25, 2024	Oklahoma City, OK	Basic
Nov. 22-24, 2024	San Antonio, TX (pending)	Refresher

AsMA only takes registrations for the seminar held in conjunction with our annual scientific meeting. For more info on these seminars, please visit the [FAA website](#).

### Aerospace News Highlights

Every week, the Journal Department posts highlights of aerospace medical and research headlines we think would be of interest to AsMA's members, AMHP's subscribers, readers, and followers. These are posted to the AsMA News page at <https://www.asma.org/news-events/asma-news/aerospace-news-highlights> and to AsMA's social media accounts every Friday.

### Save These Dates!

AsMA's 95th Annual Scientific Meeting will be at the Hyatt Regency in Atlanta, GA, United States, **June 1–6, 2025**. Related upcoming dates to remember:

- **Sept. 1, 2024:** On or around this date, the abstract submission site will open. Look for new procedures for panels!
- **Nov. 1, 2024:** The abstract submission site will close at 11:59:59 PM EST. **NO EXCEPTIONS!** Submit early!
- **Nov. 20, 2024:** Aerospace Medical Association (AsMA) Council meeting.
- **Nov. 21–22, 2024:** AsMA Scientific Program Committee meeting to review abstracts.

We hope to see you at in Atlanta!

# News of Corporate Members

## Wingman Med Is Newest Corporate Member

Wingman Med has become the Aerospace Medical Association's (AsMA's) most recent Corporate Member. This company, located in Pensacola, FL, United States, specializes in helping aircrew get and keep their medical certification. All of them are pilots who have become aerospace medicine physicians and FAA aviation medical examiners. Their experience spans board certification, graduate training, and training from the Naval School of Aviation Safety. They offer a companion site that allows pilots and aircrew to find an AME near them and a medication database that can be searched. They will also assist with complex cases to help a pilot get back their medical certificate.

—Please visit <https://wingmanmed.com/> for more on this company.

## Axiom Space Partners with Virgin Galactic

Axiom Space partnered with Virgin Galactic to send Axiom Mission 3 (Ax-3) backup and Turkish Space Agency (TUA) astronaut Tuva Atasever on a suborbital flight on June 8 to conduct microgravity research. Atasever, a 31-year-old engineer, is set to become the second Turkish astronaut in his nation's history, when he participates in the Galactic 07 flight to expand Türkiye's endeavors in space. In partnership with Tübitak Uzay, the suborbital flight will serve as an opportunity to collect more biomedical data for three research studies that were previously conducted on Ax-3, including studies that could potentially impact future human spaceflight missions. In addition, Axiom Space is sending its own research payload on Galactic 07 to study insulin dose dispensation in microgravity. Axiom Space signed a contract with Türkiye to send its first-ever astronaut, Alper Gezeravcı, to space during Ax-3, which was part of a larger effort to establish the country's national human spaceflight program. Following the Ax-3 mission, the Galactic 07 flight is the next phase of Axiom Space's agreement with Türkiye to support its initiatives in space.

—Please see <https://www.axiomspace.com/news/g07> for more on this.

## Mayo Clinic Ranks High in Fairness List

Mayo Clinic ranked high in Fair360's annual Top 50 Companies for Fairness list. It was formerly known as DiversityInc's Top 50 Companies for Diversity. Mayo was ranked No. 5 among Hospitals and Healthcare Systems for Fairness, No. 11 for Talent Acquisition for Women of Color, and No. 17 for Board Diversity. This year, more than 160 organizations, most of them Fortune 500 companies, participated in the survey. This was Mayo Clinic's 13<sup>th</sup> straight year of being ranked and its 4<sup>th</sup> consecutive year in the top 5 for Hospitals and Healthcare Systems. To participate in Fair360's "Top Hospitals and Healthcare Systems for Fairness" ranking, Mayo Clinic submitted a detailed self-assess-

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ment, including practices and outcomes. Through this survey, organizations were ranked on human capital diversity metrics, leadership accountability, talent programs, workplace practices, supplier diversity, and philanthropy.

—Please visit <https://newsnetwork.mayoclinic.org/discussion/mayo-clinic-ranks-high-in-fair360s-top-companies-for-fairness-survey/> to read more.

## Norwich University Board Elects New President

The Board of Trustees at Norwich University announced that Lt. Gen. John Broadmeadow, USMC (Ret.), was elected as the University's President in late April. He transitioned from the Board of Trustees to his new position at the beginning of May. This marks the first time in decades that an alumnus of the school (class of 1983) is President. Upon his promotion to Lt. Gen., John Broadmeadow became the highest-ranking Marine officer to ever graduate from the University. Now, he becomes the first Marine to take the mantle of president and the highest-ranking officer to be named president in Norwich University's history. He will bring a unique and fresh perspective to Norwich and the senior military college community. As an alumnus, USMC officer, and civilian taking on broad roles in higher education, he has the skills and experience that a Norwich president requires along with a vision for the University's success.

—Please see <https://www.norwich.edu/news/ltgen-john-broadmeadow-83-usmc-retired-named-25th-president-norwich-university> for more.

## ETC Units Awarded Three Contracts

Environmental Tectonics Corporation's (ETC's) Sterilization Systems Group announced it has been awarded contracts from two multi-national medical device manufacturers. The contracts include four 16-pallet ethylene oxide ("EO") sterilization system chambers with related conveyor systems, and a large capacity vacuum drying chamber with preconditioning. In addition, ETC's Environmental Testing and Simulation Systems (ETSS) unit was awarded a contract as the environmental simulation equipment supplier for a new, state-of-the-art auto racing test cell project. This equipment includes a dynamic throttle air pressure control system and a track road speed air velocity control system, which are dynamic air systems that can maintain high accuracy intake air pressure and scoop velocity control while simulating rapidly changing race conditions.

—Please visit <https://www.etcusa.com/etcs-commercial-industrial-units-awarded-three-contracts-totaling-15-9-million/> to read more.

## AOPA President Wins Engen Award

AOPA President Mark Baker will be the 2024 recipient of the Donald D. Engen Aero Club Trophy for Aviation Excellence in recognition of his fierce leadership and passionate commitment to general aviation. Each year the Engen Trophy is awarded to an individual, organization, or team who has demonstrated a commitment to excellence in aviation that reaffirms the

See "Corporate News", p. N39

From "New Members", p. N38

standard set by the Wright brothers. The award was established in 1993 and named for the previous FAA administrator and former director of the National Air and Space Museum. Baker's extensive résumé of accomplishments over his 11-year tenure at the helm of AOPA earned him the 2024 award. Under Baker's leadership, AOPA has championed the protection and future for aviation on behalf of the 300,000 member pilots, aircraft owners, and aviation enthusiasts. Seeing the negative impact of privatization on General Aviation in other countries, Baker also led an impressive and successful fight against privatizing our nation's air traffic control system during his tenure. Baker's credibility as the leader of the world's largest pilot organization and his keen understanding of the value of advocacy earned him multiple opportunities to testify before Congress and impact a number of aviation policies for private pilots and AOPA members. The Aero Club of Washington will present the Engen Trophy to Baker at the organization's mid-June luncheon.

—Please see <https://www.aopa.org/news-and-media/all-news/2024/april/18/a-passionate-and-tireless-advocate> for more.

### KBR Teams Demonstrate Philanthropy

KBR's employees have been engaged in philanthropic activities, volunteering time and resources to a variety of causes. KBR's team in Singapore organized a food donation drive to support Food from the Heart, a local charity which is focused on alleviating hunger and reducing food waste. KBR's Houston area employees organized a beach cleanup in honor of Earth Day. In India, KBR continued to assist HelpAge India, an organization dedicated to improving the lives of the elderly by providing vital healthcare services. KBR funded cataract surgeries for 100 disadvantaged individuals and helped operate three mobile healthcare units. In Virginia, KBR team members packaged food for the Power Pack Program, which provides weekend meal packs to Fairfax County Public School students experiencing food insecurity. Their bike team recently completed the 2024 Texas MS150 ride, an annual charity ride from Houston to College Station in support of finding a cure for multiple sclerosis. In Chennai, KBR's Aspire ERG chapter sponsored the education of 10 students and engaged with ninth grade students to inspire them to embrace STEM careers.

—Please visit <https://www.kbr.com/en/insights-news/stories/kbr-teams-demonstrate-dedication-local-communities> to read more.

### Corporate News Bites

**ALPA:** The President of the Air Line Pilots Association (ALPA) praised the President Biden for signing the FAA reauthorization bill. The final legislation includes a 1500-hour training requirement for pilots, creating a pathway for requiring secondary barriers for existing passenger aircraft, establishing a national plan to improve recruitment, hiring, and retention of the civil aviation workforce, promoting women in aviation, and updating pilot mental health protocols. Please visit <https://www.alpa.org/news-and-events/news-room/2024-05-16-alpa-applauds-president> to read the entire release.

**IFALPA:** The International Federation of Air Line Pilots' Associations (IFALPA) finished their annual conference. During it, two organizations were voted into membership, its Executive Board welcomed its first two women, and bid farewell to several longstanding volunteers. Please see <https://www.ifalpa.org/news/24prl05-ifalpa-election-results/> for more.

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The Aerospace Medical Foundation is working to accelerate its efforts by empowering the next generation of Aerospace Medicine scientists who will take humans to deep space. In order to achieve these objectives, they are setting a goal in the "Need for Speed" campaign of \$5 million by AsMA's 100<sup>th</sup> Anniversary! Donations can be in cash or in stock and can be made by credit card or PayPal through the [AsMAFoundation.org](http://AsMAFoundation.org) website. AsMA Members: consider joining the Heritage Society and include the Foundation in your estate planning.

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