



In Memoriam: Royce Moser, Past President of AsMA, Has Died

AsMA HQ Staff were deeply saddened to learn of the death in late March of Royce Moser, Jr., M.D., M.P.H., a Past President and Fellow of the Aerospace Medical Association (AsMA). He was awarded the Louis H. Bauer Founders Award in 2020 for his lifetime of contributions to aerospace medicine education and research.



Dr. Moser was a graduate of Harvard College (bachelor's degree), Medical School (M.D.) and School of Public Health (M.P.H.). He served 23 years in the U.S. Air

Force, with assignments as hospital commander; Chief, Aerospace Medicine, Office of the Command Surgeon, Aerospace Defense Command; Medical Officer, Special Weapons Defense, NORAD; Director, Base Medical Services, Phan Rang, Republic of Vietnam; and Chief, Clinical Sciences Division and Education Division—both at the USAF School of Aerospace Medicine. As a flight surgeon he accumulated over 2,000 hours of flight time, including 144 combat hours, in over 30 different types of aircraft. His final Air Force assignment was Commander, USAF School of Aerospace Medicine; at the time the school was a 900-member organization with over 80% of its \$60 million budget (excluding military salaries) devoted to research and development.

Through Dr. Moser's efforts, significant advances were made in the training of U.S. Air Force (USAF) flight surgeons and in the management of military aviation research, particularly spatial disorientation, oxygen generation, acceleration, and radiation protection. He oversaw a research and development budget for critical areas of aviation medicine, and researched G loss of consciousness, the molecular sieve, radiation and chemical warfare protection, and hyperbaric medicine. He also published a seminal article in 1969 in *Aerospace Medicine* on spatial disorientation as a factor in accidents [*Aerosp Med.* 1969; 40(2):174–176]. This article led to the Secretary of Defense approving production of the Automatic Ground Collision Avoidance System.

On retirement from the Air Force as a Colonel, Dr. Moser became a Professor at the University of Utah School of Medicine. In addition to serving as Deputy Director of the Department of Family and Preventive Medicine, he served as Director of the Department's Rocky Mountain Center for

Occupational and Environmental Health. During his time at the University, Dr. Moser also developed graduate courses in health and safety management and in aerospace medicine. He authored the textbook, *Effective Management of Health and Safety Programs—A Practical Guide*, now in its 3rd edition. He continued to teach in the management and aerospace medicine courses, the latter for U.S. Air Force Residents in Aerospace Medicine at the University as a Professor Emeritus after his retirement in 2008.

Dr. Moser had been a member of the Aerospace Medical Association (AsMA) since 1965 and served as President and, later, as Parliamentarian of AsMA, was a Past President of the Harvard School of Public Health Alumni Association, was Selector of the International Academy of Aviation and Space Medicine, was past Vice President for Medical Affairs of the American College of Occupational and Environmental Medicine (ACOEM) and was Regent of the American College of Preventive Medicine (ACPM). He was a Fellow of the ACOEM and ACPM. He was also a Past President of the Society of U.S. Air Force Flight Surgeons.

Dr. Moser received numerous awards throughout his distinguished career including: AsMA's Moseley Award in 1981, the Lyster Award in 1988, the Liljencrantz Award in 2001, a President's Citation in 2006, and the Gillingham Award in 2013; the Society of USAF Flight Surgeons' Schafer Award, the ACOEM's Robert A. Kehoe Award, the New England College of Occupational and Environmental Medicine's Harriet Award, and the Western Occupational and Environmental Medicine Association's Rutherford P. Johnstone Award for Outstanding Service to Occupational Medicine. He held two Legions of Merit, the Bronze Star, the Meritorious Service Medal, three Air Medals, and the Air Force Commendation Medal. He had lectured extensively and published 19 journal articles. He recently published a memoir, "Winds Beneath My Wings," which in many ways is an homage to his beloved wife, Lois. An online obituary can be found at <https://www.legacy.com/us/obituaries/saltlaketrribune/name/royce-moser-obituary?id=33949501>.

A Reminder to Members:

Beginning with the July 2022 issue, the online journal will become the default member benefit and members will be asked to opt in and pay to receive a paper copy. This is driven by factors such as paper cost & availability. However, this change means we will be able to print color for substantially less and therefore have a better product. For more on this, please see Pam Day's commentary ([February newsletter](#)) and Fred Bonato's editorial ([January AMHP](#)).

Read Current News Online!

Visit the AsMA, Member, & Industry News to see what's new! Members: please check the Job Fair each month; new jobs are posted as we receive them.

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LinkedIn: [https://www.linkedin.com/company/2718542?trk=tyah&trkInfo=tarId:1404740611720,tas:Aerospace Medical,idx:1-1-1](https://www.linkedin.com/company/2718542?trk=tyah&trkInfo=tarId:1404740611720,tas:Aerospace%20Medical,idx:1-1-1)

New Members

AsMA welcomes 32 new members in May.

- Alhardan, Sumayah; Kuwait
- Bohnet, Daniel; München, Germany
- Devlin, Justin; Phoenix, AZ, United States
- Farmer, Rebekah; Yorktown, VA, United States
- Farnie, David; Scottsdale, AZ, United States
- Farsadaki, Vassiliki; Houston, TX, United States
- Fullerton, angelica; Pensacola, FL, United States
- Gao, Jonathan; Brooklyn, NY, United States
- Gregorio, Roselyn; Cannon AFB, NM, United States
- Jilek, Michelle; Hampton, VA, United States
- Kaganov, Daniel; Winston Salem, NC, United States
- Kaminski, Michael; Farmington Hills, MI, United States
- Kawai, Tetsuyuki; El Paso, TX, United States
- Knoblock, Jessica; Boulder, CO, United States
- Lacinski, Ryan; Morgantown, WV, United States
- Lal, Rounak; Nadi, Fiji
- Lau, June Fei Wen; Phoenix, AZ, United States
- Lauck, David; Westfield, IN, United States
- Lewis, Danielle; Denver, CO, United States
- MacMaster, Nathan; New Orleans, LA, United States
- Mundy, Allison; Bryant, AR, United States
- Munoz, Brian; Navarre, FL, United States
- Nejad, Layla; Edinburg, TX, United States
- Nkansah, Kwasi; Toronto, Ontario, Canada
- Pegg, Morgan; Brookfield, WI, United States
- Pegler, Stephanie; London, United Kingdom
- Rajagopal, Alaina; Yorba Linda, CA, United States
- Salvador, Arthur; Davao City, Philippines
- Soliman, Elaine; Houston, TX, United States
- Stancs, Luke; Middlebury, CT, United States
- Strohl, Kingman; Shaker Heights, OH, United States
- Vets, Steve; Corvallis, OR, United States

AsMA welcomes back 5 returning members:

- Apolinar, Yasmina; San Pedro City, Philippines
- Garand, Linda; Beaconsfield, Quebec, Canada
- Riegleman, Kelly; San Antonio, TX, United States
- Spurgeon, Jade; Alexandria, VA, United States
- Trapp, Brandon; Playa Vista, CA, United States

FAA News: May Roundup

Women's Contributions to Aviation

The names of Bessie Coleman, Amelia Earhart, Willa Brown, and Betty Skelton are familiar to those who have studied the history of women in aviation. But how about today's aviation leaders? Women like Lorry Faber, Marissa Colclasure, Shannetta Griffin, and Winsome Lenfert are making their own history while creating a path for more women and girls to enjoy the thrills and rewards of flight. Their stories are told in the podcast "The Air Up There" in the episode entitled "Women in Aviation", which can be found on the FAA's site: https://www.faa.gov/podcasts/the_air_up_there/?file=2022-03-25-002.mp3&permalink or through Apple, Google, Stitcher, Spotify, or wherever podcasts are available.

Drone Research Grants

The U.S. Department of Transportation's Federal Aviation Administration (FAA) announced drone research, education,

and training grants to seven universities. Research will focus on three areas: electromagnetic compatibility, detect & avoid classifications, and cybersecurity oversight. The universities receiving grants are the University of North Dakota, University of Kansas, Drexel University, The Ohio State University, Embry-Riddle Aeronautical University, Mississippi State University, and Oregon State University. This is the second round of Alliance for System Safety of UAS through Research Excellence (ASSURE) grants, which brings the total to 15 grants. Research conducted through ASSURE is focused on helping the drone market safely grow and integrate into the nation's airspace. For more about this, please visit: <https://www.faa.gov/newsroom/faa-awards-44-million-drone-research-grants-seven-universities>.

Pilot Medical Applications

The FAA has added a new feature to MedXPress that allows pilots to track the status of their medical certificates online throughout the application and review process. Prior to adding this new feature, pilots had to call the Office of Aerospace Medicine to check their application status. As soon as an application is submitted, it will appear in the pilot's MedXPress profile. Status updates will change as the application moves through the FAA's review process. If an application is deferred or denied, the applicant will receive detailed information through the mail. The certification process itself does not change. To see the press release on this, please see: <https://www.faa.gov/newsroom/pilots-now-able-track-medical-applications-real-time>.

Zero Tolerance for Unruly Passengers

The FAA will make its Zero Tolerance policy against unruly passengers permanent. The FAA implemented the policy on Jan. 13, 2021, after seeing a disturbing increase in unruly passenger incidents. Under the policy, the FAA issues fines to passengers for unruly behavior instead of warning letters or counseling. The Zero Tolerance policy, combined with the agency's public awareness campaign, has helped reduce the incident rate more than 60 percent. The FAA will continue to work with its airline, labor, airport and security and law enforcement partners to continue driving down the number of incidents. To read more, visit <https://www.faa.gov/newsroom/faq-zero-tolerance-policy-against-unruly-passengers-here-stay>.

MEETINGS CALENDAR

Please check the websites of meetings listed to see updates.

Calls for Papers - Ongoing: International Astronautical Federation Global Networking Forum Space Conversations Series, online. Visit <https://www.iafastro.org/events/iaf-gnf-space-conversations-series/> for more information.

HFACS Workshops: Workshops on the The Human Factors Analysis and Classification System. For more, visit <https://www.enrole.com/erau/jsp/course.jsp?categoryId=&courseId=HFAC> for in-person or <https://www.enrole.com/erau/jsp/course.jsp?categoryId=558570F8&courseId=OHFA> for online.

May 16-20, 2022; Global Conference on Space for Emerging Countries; Quito, Ecuador. Please visit <https://www.iafastro.org/events/global-series-conferences/the-global-conference-on-space-for-emerging-countries-2022/>.

NEWS OF CORPORATE MEMBERS

Mayo Clinic Confirms Biomarker for FTD

A test of protein in the blood gets further support as a biomarker for patients diagnosed with frontotemporal dementia (FTD), a group of brain disorders with few treatment options. These disorders are characterized by changes in behavior, cognition, language, or movement. In a new paper published in *Cell Reports Medicine*, Mayo Clinic researchers and members of the Advancing Research and Treatment in Frontotemporal Lobar Degeneration and Longitudinal Evaluation of Familial Frontotemporal Dementia Subjects studies, or ALLFTD Consortium, report that neurofilament light (NFL) is a useful biomarker for frontotemporal dementia. This biomarker may allow for quicker diagnosis and participation in early treatment clinical trials. The researchers set out to conduct a comprehensive investigation of plasma NFL across all frontotemporal dementia syndromes in a large cohort of approximately 1,000 participants. They found plasma NFL levels were elevated in all types of frontotemporal dementia, and in people who had mutations but hadn't shown symptoms yet. They also found that in patients with frontotemporal dementia, higher levels of NFL were associated with greater disease severity. Additionally, they found increased levels of the protein just before people became symptomatic. Because it's relevant across different types of frontotemporal dementia and at different stages of disease development, the researchers say plasma NFL will ultimately be useful in improving the design of clinical trials because it will facilitate the participation of patients earlier in their disease course. This will provide a means to gauge the therapeutic benefit of potential treatments being tested. The researchers say their findings could inform other areas of research on neurodegenerative diseases, with NFL being a biomarker for many of those diseases.

— Visit <https://newsnetwork.mayoclinic.org/discussion/mayo-researchers-collaborators-affirm-useful-blood-biomarker-for-group-of-brain-disorders-in-new-study/> to read more about this.

UTMB Unveils School of Public Health

Focused on training the next generation of public health workforce and improving the overall health and well-being of residents, the University of Texas Medical Branch is announcing its newly established School of Public and Population Health. The newly established School of Public and Population Health transitions from the previous Department of Preventive Medicine and Population Health. The new school will continue to prioritize research in biostatistics and data science; global health and emerging diseases; population health and health disparities; bioethics; and aerospace medicine and environmental health. In addition to the current array of educational opportunities for graduate students, physicians, medical students, and health science profession-

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als, the School of Public and Population Health is also planning to develop additional Master of Public Health tracks, including bioethics and global health, as well as a Doctor of Public Health. The University of Texas Board of Regents approved creation of a School of Public and Population Health in May of 2021. The new school will welcome the first cohort of students this Fall and current students will transition to the School of Public and Population Health.

— Visit <https://www.utmb.edu/news/article/utmb-news/2022/04/04/utmb-unveils-school-of-public-and-population-health> to read more about this.

ALPA Commends Women in Aviation Report

The Air Line Pilots Association, Int'l (ALPA), commended the Women in Aviation Advisory Board (WIAAB) for the recommendations it included in its final report on how to make the airline piloting profession accessible to all while maintaining the highest level of safety. The findings in the WIAAB's report confirmed that women and men experience their careers in aviation differently—at all seniority levels—with barriers being largely systemic and no one entity or sector responsible for them or their resolution. The board's report calls for industry associations and unions, government agencies, and Congress to share the responsibility of making changes to the industry. Attracting the best and brightest to join the ranks of today's professional airline pilots has been an ALPA priority for decades, which is why ALPA has established a proactive, solutions-oriented agenda designed to breakdown financial and other barriers.

— Please visit <https://www.alpa.org/news-and-events/newsroom/2022-03-30-women-in-aviation-advisory-board-report> to read more about this.

AOPA Presents Hoover Trophy to Funk

Wally Funk, an aviation pioneer best known for a recent journey into space on a Blue Origin rocket, was presented the R. A. "Bob" Hoover Trophy by Aircraft Owners and Pilots Association (AOPA) President Mark Baker during a gala event at Signature Flight Support at Washington National Airport in Arlington, VA, on March 23. The event honored Funk, as well as other outstanding aviators and innovative aviation companies. Funk accepted the highest honor of the night for exhibiting "the airmanship, leadership, mentorship, and passion for aviation" that Hoover exemplified, as well as for having a "distinguished career as a pilot and aviation advocate while also serving as a source of inspiration and encouragement for current and prospective aviators." Funk has also been persistent in paying it forward for future generations of aviators. As a professional flight instructor, Funk has guided more than 3,000 students to their private pilot certificate or an advanced rating. She is also the author of *Higher, Faster, Longer: My Life in Aviation and My Quest for Spaceflight*. She joins an impressive list of Hoover Trophy winners.

— Please see <https://www.aopa.org/news-and-media/all-news/2022/march/24/aviation-excellence-honored> for more, including photos.

See 'Corporate News,' p. N21

KBR Wins Services Contract

KBR announced that it has been awarded a 7-year contract with an option to extend for another 3 years for the provision of General Maintenance Services (GMS) by Saudi Aramco TOTAL Refining and Petrochemical Company (SATORP) for its project in Jubail, Kingdom of Saudi Arabia. Under the terms of the contract, KBR will provide preventive, predictive, corrective, and shutdown maintenance services at the refinery, with a focus on continuous improvement and sustainable asset performance. By integrating lessons learned from a decade-long partnership, KBR aims to achieve top quartile plant performance while optimizing costs. Through this partnership, KBR reaffirms its commitment to maintaining a Zero Harm safety culture at the refinery.

—Please see <https://www.kbr.com/en/insights-news/press-release/kbr-wins-general-maintenance-services-contract-satorp> for more on this.

Future AsMA Annual Scientific Meetings

May 22–26, 2022; Peppermill Resort Hotel, Reno, NV

May 21–25, 2023; Sheraton New Orleans Hotel, LA

May 5–9, 2024; Hyatt Regency Chicago, Chicago, IL

Corporate News Bites

MedAire: MedAire announced a partnership with Aeromexico in which they would offer MedLink, the company's in-flight medical advisory service. MedAire's physicians will assist crewmembers with unwell passengers on demand on Aeromexico's 86 domestic and international routes. This will include triage, treatment, and, if needed, the best airport to land at for the quickest and best care.

Visit <https://ipmimagazine.com/medical-health-insurance/en/news/ambulance/item/6318-aeromexico-partners-with-medaire-for-best-in-class-in-flight-medical-assistance-crew-support> to read more.

IFALPA: The International Federation of Air Line Pilots Associations (IFALPA) issued a statement in support of Ukraine, stating that they stand in solidarity with the pilots, crew, and people of Ukraine. They have been in contact with the Ukrainian Pilots Association and have offered support. Please see <https://www.ifalpa.org/news/22prl02-ifalpa-and-eca-statement-of-support-for-ukraine/> to read the complete statement.

Job Fair

Members: Looking for a new position? Check the Job Fair! Log onto the Members Only page via www.asma.org and click on 'Job Fair & Classifieds' in the left-hand column.