

In Memoriam:**AsMA Mourns Loss of Royce Moser, Past President of AsMA**

The AsMA community was 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.

AsMA Constituent Organization Presidents for 2022–2023**Sobel is Incoming ANAHPS President**

Annette L. Sobel, M.D., M.S., FAAFP, FAsMA, FAAN, is the incoming president of the Aerospace Nursing and Allied Health Professionals Society. Dr. Sobel retired as a Major General in the US Air Force Reserves and is currently Adjunct Professor, School of Nursing, at Texas Tech School of Health Sciences, and Adjunct Professor, Electrical and Computer Engineering, Texas Tech.



Dr. Sobel's 30+ years of a civilian and military career have focused on public service, human factors engineering, and mitigating the threat of Terrorism through Weapons of Mass Destruction (WMD), and medical innovations and education for pre-hospital care, education and training. Dr. Sobel 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 Ari 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, 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, to include 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 Association and the Aerospace Human Factors 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.

Wilkerson Remains IAMA President

Elizabeth S. Wilkinson, MBChB, MFOM, MRCGP, DAvMed, FAsMA, FRAeS, is the President of the International Airline Medical Association, IAMA (formally known as Airline Medical Directors Association, AMDA). Due to the extenuating circumstances of



Covid, Dr. Wilkinson is serving a second year as IAMA president. Dr. Wilkinson has been a member of AsMA since 2010, was appointed as Fellow in 2018, and is the immediate past-Chair of the AsMA Air Transport Medicine Committee serving from 2017 to 2020.

Dr. Wilkinson recently retired from her role as Head of Health Services at British Airways where she had worked for over 22 years, gaining accreditation in occupational

medicine and aviation medicine. As Chief Medical Officer she led a team of over 50 mainly health professionals and provided a broad spectrum of occupational, aviation, and passenger health support. She was part of the EASA Task Force after the Germanwings incident, following which she helped oversee the development of the British Airways peer support program for flight crew.

Dr. Wilkinson has served on the IATA Medical Advisory Group (MAG) 2010–2019, and temporarily worked for IATA as Medical Officer from Jan–Mar 2021. She is now co-editor of Ernsting's Aviation and Space Medicine textbook and is currently working on the next edition. She is President of the UK Association of Aviation Medical Examiners and is also a member of the UK RAEs Aerospace Medicine committee and member of the Specialist Advisory Committee in Aviation and Space Medicine, UK.

Elliott to Lead ASAMS

James Elliott, M.D., is the incoming president of the American Society of Aerospace Medicine Specialists. Dr. Elliot is the Physician Manager of the Division of Aerospace Medicine Air Traffic Control Virtual Hiring Team (VHT) for the FAA. Prior to his current position, he was the Deputy Regional Flight Surgeon for the FAA's Central Region.

Dr. Elliott earned a Bachelor's degree in biology and chemistry from New Mexico State University, a Doctor of Medicine from the Mayo Clinic School of Medicine, and a Masters of Public Health from The Johns Hopkins University. He completed residency training and board certification in General Preventive Medicine and Public Health and in Aerospace Medicine.

Dr. Elliott is a Fellow of the Aerospace Medical Association. He

is the current President of the Southwest Chapter of the Flying Physicians Association.



pilot and owns a Commander 112.

Before joining the FAA, he serviced 24 years in the U.S. Air Force. He was a Chief Flight Surgeon with more than 1000 flying hours in a variety of aircraft, including the F-16, T-37, T-38, KC-135, and HH-60G.

He has served on the faculty of the U.S. Air Force School of Aerospace Medicine, the Wright State University School of Medicine, and the University of Central Missouri Professional Pilot program. He is an instrument rated

Metzler to Lead AsPS

Maj. Mari M. "Mars" Metzler, USAF, is the incoming President of the Aerospace Physiology Society. She is currently Aerospace Physiology Training Manager, Headquarters Air Combat



Command Training Support Squadron at Joint Base Langley-Eustis, VA. In this capacity, she guides Aerospace & Operational Physiology operations for Air Combat Command's largest Training Support Squadron, responsible for training 9,500 aircrew per year from 16 bases nation-wide. Maj Metzler provides squadron commander and deputy coverage for 152 squadron members from 12 detachments across the nation. She is also the Subject Matter Expert for F-22 life

support, safety investigations and mishap prevention, and directs F-22 Aerospace Physiology training Air Force-wide. She Manages Aerospace Physiology policies and sustains 13 Aerospace Physiology units comprising of 113 personnel across Combat Air Forces. Also supports U-2 Intelligence, Surveillance, and Reconnaissance high altitude missions.

Prior to this assignment, she was the Flight Commander of the Aerospace and Operational Physiology Flight at Tyndall AFB, Florida leading a team of 14 Airmen utilizing to provide aerospace physiology training for Department of Defense aircrew, parachutists and civilians from 48 locations world-wide. She provided human performance briefings and consults to 325th Fighter Wing personnel and tenant units, enabling the Fighter Wing's \$493 million flying hour program, generating over 12,000 flying hours and 9,900 F-22 and T-38 sorties annually.

Originally from Billings, MT, Maj. Metzler commissioned via the Health Promotions Scholarship Program. Upon graduating with a Doctor of Osteopathic Medicine (D.O.) Degree from Des Moines University in 2008, she was assigned to the Medical Corps as a Family Medicine Resident at Travis AFB, CA. She also conducted medical research at the Travis Clinical Investigation Facility until competing successfully for a transfer from the Medical Corps to the Biomedical Science Corps in 2010. She has held multiple flight command positions, including Flight Medicine, Ambulance Services, Health & Wellness Center, Nutritional Medicine, and Aerospace & Operational Physiology.

Major Metzler also holds the rank of Major in the Civil Air Patrol (CAP) and volunteers for CAP as a Search and Rescue Pilot and Check Pilot, and is an FAA-certified instrument flight in-

structor (CFII). She has over 1,000 military and civilian flying hours. She is Board Certified by the Aerospace Medical Association (AsMA) in Aerospace Physiology. She is a Fellow and Life Member of AsMA, and has served in multiple AsMA leadership positions, including President of the AsMA Associate Fellows Group.

Jones Heads LSBEB

Jeffrey A. Jones, M.D. (CAPT, USNR Ret.) is the incoming president of the Life Sciences and Biomedical Engineering Branch (LSBEB) of AsMA. Dr. Jones recently retired from the U.S. Naval Reserves after 32 years of military service. His last tour of duty



was as the Wing Surgeon for the Fleet Logistics Support Wing, Naval Air Station, Fort Worth, TX, and the USNR Aerospace Medicine Specialty Leader. He is currently Professor in the Center for Space Medicine and the Department of Urology at Baylor College of Medicine; Deputy Care Line Executive for Inpatients, and Chief of Urology in the Operative Care Line at the Michael E. DeBakey Veteran Affairs Medical Center in Houston, TX. He currently chairs

the MEDVAMC Robotic Surgical committee. He is on the faculty at University of Texas Medical Branch in Galveston, Texas, and at the International Space University, having participated in >10 Summer Space Program sessions as Co-Chairman or Instructor. He is also a Federal Aviation Administration (FAA)-designated Senior Aviation Medical Examiner (AME).

Dr. Jones graduated Magna Cum Laude from Trinity University in 1981 and Alpha Omega Alpha from Baylor College of Medicine in 1984. He completed his general surgery / urology residency in 1991 at Indiana University Hospitals. In his civilian job, Dr. Jones served 13 years as a NASA/JSC flight surgeon as crew surgeon, deputy crew surgeon, ascent/re-entry surgeon and has staffed the Mission Control Center Surgeon console during 25 Shuttle missions and 15 ISS increments. He served as the Lead Flight Surgeon for the International Space Station during the early ISS assembly phase, and then served as Lead for Exploration Medicine during the Constellation Program.

CAPT Jones has served with multiple military units with multiple aviation platforms, first as a specialty surgeon and then as both a USN and USAF flight surgeon and Fleet Marine Forces officer, during his 32-year Navy career. He was Executive Officer, Commanding Officer and Senior Medical Officer for medical in Marine Air Groups 41 and 42, Officer in Charge for the Flight Light Aid Station in Al Asad, Al-Anbar Province and surgeon at 399th Combat Support Hospital (CSH) during Operation Iraqi Freedom. He has supported and been a crewmember during expeditions to both the Arctic and Antarctic including the Houghton Mars Project, to Devon Island, and Operation Deep Freeze to Amundsen Scott South Pole Station.

Dr. Jones is fellowship-trained & board-certified in Urologic Oncology and in Aerospace Medicine. He is a Fellow of the American College of Surgeons, American College of Preventive Medicine & the Aerospace Medical Association. He is a member of more than 20 professional organizations. He is immediate Past-President of the Urological Society for American Veterans and serves on the Board of Directors for the Society of Government Service Urologists and the South Central Section of the American Urological Association. Regarding aerospace medicine leadership,

Dr. Jones has served on the executive committee/board of governors for the AsMA Space Medicine Branch, Society of Navy Flight Surgeons, and American Society of Aerospace Medicine Specialists, as Vice-President then President of the Society of NASA Flight Surgeons, and on AsMA Council and Life Sciences Bioengineering Branch as Member at Large and LSBEB Representative to AsMA Council.

In 2000 Dr. Jones received the Julian Ward Memorial Aerospace Medicine Resident of the Year Award and in 2011, he was named the Bruce Jackson Naval Reserve Flight Surgeon of the Year. He has received more than 100 individual awards including Meritorious Service, Air (combat-V), Commendation, Achievement, Iraqi Campaign, Outstanding Volunteer Leadership from the National Kidney Foundation in 1995 and Outstanding Faculty Teaching Award from BCM/SDU in 2016.

Allen is Incoming AsHFA President

The incoming President of the Aerospace Human Factors Association is John R. Allen, Ph.D. Dr. Allen is assigned to NASA Headquarters in Washington, D.C. where he serves as the



Program Executive for Crew Health and Safety and for the NASA Human Research Program, overseeing the space medicine and research activities for human space exploration. Dr. Allen received a B.A. in Speech Communication from the University of Maryland. He received a Masters in Audiology/Speech Pathology from The Catholic University of America, and a Ph.D. in Audiology and Bioacoustics from Baylor College of Medicine. He served in Air Force for

26 years, retiring in 2006 at the rank of Colonel. During his USAF career he held clinical and research positions, consultant to the USAF Surgeon General in Audiology and Speech Pathology, commander of the USAF Medical Element, and was detailed to NASA HQ. He began his career with NASA in 2006.

Johansen to Lead Society of NASA Flight Surgeons

Benjamin Johansen, D.O., is the incoming President of the Society of NASA Flight Surgeons. Dr. Johansen graduated from the Arizona College of Osteopathic Medicine at Midwestern University. He completed Internal



Medicine residency training at Banner University Medical Center and Carl T. Hayden VA in Phoenix, AZ. He went on to complete a second residency in Aerospace Medicine and Master of Public Health at the University of Texas Medical Branch, Galveston, TX. He is board certified in Internal Medicine and Aerospace Medicine and currently works for NASA as a Flight Surgeon.

Dr. Johansen has supported Expedition 53/54 and Expedition 58/59 as a Deputy Crew Surgeon, providing medical care to NASA Astronauts during 6-month missions to the International Space Station. He served as the Program Medical Officer for the NASA Commercial Crew Program leading up to the SpaceX Demo-2

mission marking America's return to human spaceflight from the Florida Space Coast. Following this successful mission, he served as lead Flight Surgeon for the NASA/SpaceX Crew-1 mission marking the first operational crewed flight to the ISS. He continues to provide medical support for joint SpaceX/NASA missions and is assisting in the development of medical operations for the Artemis program.

In addition to his NASA duties, Dr. Johansen continues works as a Flight Surgeon in the Air Force Reserves assigned to the 1st Air Force Detachment 3 at Patrick Space Force Base, FL. He is a member of the American College of Physicians, Aerospace Medicine Association, Space Medicine Association, and the Society of NASA Flight Surgeons.

Alex Garbino to Head Space Medicine Association

Alejandro "Alex" Garbino, M.D., Ph.D., is the incoming President of the Space Medicine Association. Dr. Garbino is an EVA Research Scientist at NASA Johnson Space Center and Attending Physician in Emergency Medicine in Houston, TX. He has extensive experience practicing medicine in challenging environments.



Dr. Garbino's work focuses on the human physical and cognitive challenges associated with working in space suits, including metabolic workloads, thermal stress, prevention of decompression illness and managing cognitive load. In the past, he has served as Lead Physiological Monitor on the Red Bull Stratos high altitude jump, leading the logistics

for the medical support team and providing field medical support for the subsequent StratEx record-breaking high-altitude jump, and a two-month medical support and transport rotation in Antarctica. He also completed the NOAA/UHMS Physician Dive Medicine Program and the NOLS Wilderness Medicine course. He is a Fellow of the Aerospace Medicine Association, and has served as a Vice President.

Alex obtained a B.S. in Physics with Honors from the University of Houston in 2005. In 2012 he graduated from Baylor College of Medicine with an M.D. and a Ph.D. in Translational Biology. In 2015 he completed his Emergency Medicine Residency at Baylor College of Medicine, where he also served as Chief Resident from 2014 to 2015. In 2017 he completed his Aerospace Medicine Residency at the University of Texas Medical Branch/NASA Program. During his residency, he completed the U.S. Air Force Flight Surgeon and Critical Care Air Transport training program and rotated aboard the aircraft carrier USS Eisenhower (CVN-69) and with the Navy Experimental Dive Unit. He now lives in Houston, TX, but divides his time between there and Denver, CO. He is licensed to practice in Texas, Colorado, Florida, and California. He is also holds Private Pilot, Skydiving, and SCUBA diver certifications.

Incoming SUSAFFS President is Gogate

Col. Sanjay A. Gogate, USAF, MC, is the new President of the Society of U.S. Air Force Flight Surgeons. He is currently the Chief of Aerospace Medicine Operations and Policy, Office of the Surgeon General, Headquarters Air Force. He leads five branches and 55 personnel in the development and execution of Air Force

and Space Force Aerospace Medicine policy, doctrine, and administration. Col. Gogate is the senior advisor to the Air Force Surgeon General, Chief of Staff of the Air Force, Secretary of the Air Force and Congress for the Aerospace Medicine Enterprise.

Col. Gogate earned his Doctor of Osteopathic Medicine from Nova Southeastern University (NSU) in 1999 and after several years of private practice in the civilian sector, he received a direct



commission as a Captain in the United States Air Force in 2004. A chief flight surgeon, Colonel Gogate deployed in support of Operation Iraqi Freedom and numerous joint and special operations missions. Prior to his current position, he served as Commander, 27th Special Operations Medical Group, Cannon Air Force Base, NM. Other previous assignments include Commander, 1st Spec Ops Aerospace Sq, Hurlburt Field, FL, and Chief, Physical

Standards Branch, Headquarters Air Education & Training, JBAS-Randolph, TX.

A Fellow of AsMA, Col. Gogate is a member of the American Osteopathic Association, the Florida Osteopathic Medical Association, the American College of Osteopathic Family Physicians [ACOFP], the American College of Occupational & Environmental Medicine, and the Society of USAF Flight Surgeons.

Col. Gogate is quadruple board certified in Family Practice, Aerospace Medicine, Occupational & Environmental Medicine plus Lifestyle Medicine. His military decorations include the Legion of Merit, Meritorious Service Medal, Air Medal, Air Force Commendation Medal, Meritorious Unit Award, National Defense Service Medal, Iraq Campaign Medal, and the Global War on Terrorism Expeditionary Medal.

2022 AsMA Scholarship Winners

Anita Mantri, Ph.D., Memorial Travel Scholarship

Victoria Tucci is currently in her final year of pursuing an Honors Bachelor of Health Sciences at McMaster University in Ontario, Canada. After graduation, she plans to pursue a medical degree. She is intrigued by the potential for innova-



tion and exploration regarding human health in space and is interested in finding solutions to medical care delivery in space, as they can have meaningful impacts on healthcare delivery here on Earth. This is especially true for regions that have populations living in remote and isolated areas. She is currently completing research on the intersection of healthcare and artificial intelligence in

terms of autonomous medical advisory systems. Her ultimate goal is to better understand the factors that impact the health and wellness of those experiencing the challenges of remote and extreme environments. She hopes to help find ways to support and provide sustainable and quality healthcare in these settings, and how technology, like artificial intelligence, can play a role in facilitating this.

Victoria is also active in the field as an aerospace medicine researcher at AdvancingX, Inc., a global leader in astronaut

training, research, technology development, and STEM programming. Specifically, she works on developing risk mitigation strategies for extreme environments, in hopes that their findings will translate to health maintenance of astronauts in space. She also works as the Global Project Manager and as a Career Astronaut Liaison for AdvancingX, Inc. She is excited to share her research as a presenter at the Aerospace Medical Association's 92nd Annual Scientific Meeting. She works to make opportunities in the space sector more accessible for students; for instance, she works with NASA as a Canadian National Program Coordinator for the Scientist for a Day space outreach initiative, and is the inaugural leader of the Canadian Society for Aerospace Medicine Student and Resident Subgroup (CStaRS). As an active member of AsMA, the Aerospace Medical Student & Resident Organization (AMSRO), the Space4Women Network, and the Women in Aerospace Medicine Association, she collaborates with others to contribute to forward-thinking and creative approaches to health-related challenges in space.

Stanley R. Mohler, M.D., Aerospace Medicine Endowed Scholarship

Lauren Church is currently a final-year medical student at Kings College London, London, UK, working on her M.B.B.S. She holds an M.Sc., in Physiology and Health from King's College, earned in 2020. From 2017–2020, she served



as a Team Mentor and Biomedical Payload Development Associate at the International Space School Education Trust and served an Internship at the Laboratory for Equilibrium Investigations and Aerospace (LEIA), University of Antwerp, from January to March 2022. Her research experience includes data collection for a study on metabolic phenotypes in HIV and Hepatitis C mono- and co-infection,

studying intra-voxel incoherent motion MRI for the prediction and treatment of cancer, payload development at Kennedy Space Center, a literature review and article on non-invasive monitoring of spaceflight-associated neuro-ocular syndrome, and a research project on brain changes in spaceflight. She was also involved in a quality improvement project at Evelina Children's Hospital for ensuring the gold standard protocol was followed for children presenting to the emergency department with asthma symptoms.

Lauren has five publications to her name and 14 presentations. She is a member of the Royal Aeronautical Society, King's College London Aviation and Space Medicine Society, the National Undergraduate Aerospace Medicine Conference Organising Committee, King's College London Radiology Society, UK Students for the Exploration and Development of Space, the Aerospace Medicine Student and Residents Organization, and the Aerospace Medical Association. Her awards include King's College London Student Opportunities Fund Scholarship Award in both 2019 and 2020, the Mars Generation 24 Under 24 Leaders and Innovators in STEAM and Space in 2020, and the King's College London Future Alumna Award in 2020.

Aerospace Medical Association International Scholarship

Ahmed Baraka is the Head of the COVID-19 Vaccination Clinic, at Shoubra Khit General Hospital, a Consultant of Space Life Science at the Egyptian Space Agency (EgSA), a clinical pharmacist and (part-time) hospital manager at Dr.



Ahmed Abdul Aziz hospital, Alexandria, Egypt, and a former teaching associate in the space sciences department at the International Space University (ISU) in Granada, Spain. Ahmed is working on his master's degree in biotechnology. Currently, he is serving as the regional coordinator for the Middle East for the Space Generation Advisory Council (SGAC) and was a former regional communications manager for the Middle East, a member of the national steering committee for the upcoming AMADEE mission in Egypt (Mars analog mission), a member of the technical committee for the first Egyptian Lunar Mission, a member of The International Astronautical Federation (IAF) Space Life Sciences Committee, the chair of the International Outreach Committee for the Aerospace Medicine Student & Resident Organization (AMSRO), and the founder and president of the AMSRO regional chapter in Alexandria, Egypt.

Additionally, he is working on projects such as the space medicine program for Egypt in coordination with the EgSA and the French Space Agency (CNES), building the first Mars/Moon analog station in the Western Desert of Egypt in coordination with EgSA and the Austrian Space Forum (OeWF), and a roadmap to enable Africa to have sustainable human spaceflights by 2030.

In 2019, Ahmed received the African Space Leaders Award from the Space Generation Advisory Council (SGAC) in recognition of his efforts. In 2021, he was selected as the recipient of the 2021 Space Medicine Association International Scholarship, was one of the IAF Emerging Space Leaders Grant recipients for 2021, and recently was classified in the African Space Industry Top 10 Under-30 Class of 2021. He is an active member of many space professional organizations like the Aerospace Medical Association (AsMA), AMSRO, the Space Medicine Association (SMA), the Planetary Society, the Mars Society, the Space Generation Advisory Council (SGAC), the Moon Village Association (MVA), the Society for Neuroscience, the Egyptian Pharmacist Syndicate, and the Alexandria Syndicate of Pharmacists.

Future AsMA Annual Meetings

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

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

June 1 – 6, 2025
Hyatt Regency Atlanta
Atlanta, GA