



Ever Upward: June 2015

ASMA Constituent Organization Presidents for 2015-2016

Gardetto Incoming AsPS President

Col. Paul R. Gardetto, USAF (Ret.), is the incoming President of the Aerospace Physiology Society (AsPS). He is a Federal Accounts Specialist for Thermo Fisher Scientific where he works in Department of Defense education and training for immunodiagnostics laboratory testing of allergy and autoimmune diseases. Prior to this he served as the Associate Director of the Veterans Affairs Medical Center in Tomah, WI. In this role he led the delivery of care through management of financial operations, pharmacy, allied health, logistics, fire/police, human resources, and facilities management of 53 buildings on a 180-acre campus. An Associate Fellow of the Aerospace Medical Association, he is also an Adjunct Professor at Embry Riddle Aeronautical University.



Col. Gardetto retired from active duty in the U.S. Air Force, where he served as the Medical Group commander at Moody Air Force Base, in 2014. He was originally commissioned in 1985 from the U.S. Army ROTC program and transferred his commission to the U.S. Air Force in 1988. His previous commands include the 380th Expeditionary Medical Group in support of operations Enduring Freedom and Combined Joint Task Force Horn of Africa. In addition, he commanded the 377th Aerospace Medicine Squadron, Kirtland AFB, NM. He has conducted military diplomatic missions in 14 countries throughout Asia, Africa, and the Middle East. He also patented a reduced oxygen breathing device used worldwide to provide higher fidelity training than conventional systems.

Col. Gardetto earned a B.A. in Biology in 1985 from Ripon College in Ripon, WI, and then an M.S. in Physiology from Marquette University, Milwaukee, WI, in 1988. Later, he earned an MBA in Finance at the University of Dayton, Dayton, OH, in 1995. His awards and decorations include the Meritorious Service Medal with six oak leaf clusters, the Air Force Achievement Medal with three oak leaf clusters, the Air Force Outstanding Unit Award with Valor and three oak leaf clusters, the Global War on Terrorism Service Medal and Global War on Terrorism Expeditionary Medal, the National Defense Service Medal with Gold Star, Air Combat Command Aerospace Physiologist of the Year, Air Combat Command Field Grade Aerospace Physiologist of the Year, Pacific Air Forces Field Grade Aerospace Physiologist of the Year, and U.S. Air Force Field Grade Aerospace Physiologist of the Year.

Monberg to Head LSBEB

Lt. Col. Robert M. Monberg, USAF, MC, SFS, is the incoming President of the Life Sciences & Bioengineering Branch. He entered the U.S. Air Force as a graduate with a B.S. from the U.S. Air Force Academy in Colorado in 1991. He took the U.S. Air Force Flight Surgeon's Course at Brooks AFB, TX, in 1994 and then earned his M.D. in 1995 from the Uniformed Services University of Health Sciences (USUHS) in Maryland. He received a Diploma in Aviation Medicine from the Faculty of Occupational Medicine, London, UK, in 2013. After graduating from USUHS, he served a residency at Malcolm Grow Medical Center at Andrews AFB, MD, and then became the flight surgeon at the 18th Fighter Squadron at Eielson AFB, AK. In 2000, he became a student and transition pilot at Sheppard AFB, TX, and was also Lead in Fighter Training at Randolph AFB, TX, that same year. From 2001 to 2002, he continued as a student at Luke AFB, AZ, and then became an F-16 pilot at Kunsan AB, Republic of Korea in 2002.



In 2003, Lt. Col. Monberg was assigned as Flight Commander of the 354th Operations Support Squadron at Eielson AFB, AK, where he also served as F-16 IP and ADO for the 18th Fighter Squadron and as Aggressor Pilot and ADO for the 353rd Combat Training Squadron. In 2010, he became Operations Officer for that squadron and then Director of Staff for the

354th Fighter Wing. In 2011, he was transferred to Henlow Camp in the UK, where he served as Senior Medical Officer and as a pilot for RAFCAM. He returned to the United States in 2014, where he took the position of Joint Strike Fighter Integrated Task Force Pilot-Physician at Edwards AFB, CA, where he is still serving.

Lt. Col. Monberg has flown combat missions as a flight surgeon and mission qualified pilot and as an instructor pilot during Deliberate Guard, Desert Fox, and Iraqi Freedom. His awards include the Meritorious Service Medal with two oak leaf clusters, the Air Medal, and the Air Force Commendation Medal. A Fellow of AsMA, he is a member of the Royal Aeronautical Society and the Order of Daedalians.

Millett Is Incoming President of AMDA

David P. Millett, M.D., M.P.H., is the new President of the Airlines Medical Directors Association (AMDA). A Fellow of Aerospace Medical Association, he joined AsMA in 1971 and has been a member of AMDA since 1979. He has been the Membership Committee Chair of AMDA for the past 10 years. A native of New York City, he received his undergraduate degree from Denison University. He graduated from the Yale University School of Medicine in 1968. After medical school, he spent 2 years as an assistant resident in surgery at the Yale-New Haven Medical Center. He graduated from the USAF School of Aerospace Medicine in April 1971. He received his M.P.H. from Florida International University in 1987.



Dr. Millett served on active duty in the U.S. Air Force from 1970-1978, achieving the rank of Lieutenant Colonel in the Medical Corps. He served as Chief of Aviation Medicine at Shaw AFB from 1975-78, thereafter remaining in the reserves until 1990. From 1973-1975 he served as the Assistant Air Attaché and Post Medical Officer at the American Embassy in Moscow. He was designated a Senior Aviation Medical Examiner in 1978 and in the same year became Director of Flight Medicine for Eastern Air Lines, serving in that position until 1987. After several years of private practice, he was chosen to be the FAA Regional Flight Surgeon for the Southern Region in 1990, a position he held for 16 years. He is currently Executive Vice-President of the Civil Aviation Medical Association. His teaching positions included Adjunct Professor, Embry-Riddle University (1980-1987), Adjunct lecturer at Florida International University (1988-1990), and Adjunct Assistant Professor of Medicine at Emory University.

Dr. Millett is a Diplomate of the National Board of Medical Examiners, a Fellow of the Civil Aviation Medical Association, and an academician of the International Academy of Aviation and Space Medicine. He has served on many ASMA committees and was Chair of the Air Transport Medicine Committee for 5 years and Chair of Arrangements twice. He has been the Chair of the program and arrangements committees three times for the AMDA.

Dr. Millett's previous awards include the Joint Services Commendation Medal, the Air Force Commendation Medal, the FAA Flight Surgeon of the Year, the FAA Regional Employee of the Year, the FAA Spirit Award, several FAA Superior Accomplishment Awards, the CAMA President's Award and the Harris Award, an Honorary Membership in Birds of a Feather, the AMDA's George Kidera Award, and AsMA's Tamisiea Award. He has presented and authored numerous scientific papers on aviation medicine. However, he is probably best remembered for his 1983 AsMA presentation on the "Mystery of the Red Sweat."

Kerstman to Lead SNFS

Eric L. Kerstman, M.D., M.P.H., FAAPMR, is the incoming President of the Society of NASA Flight Surgeons (SNFS). For the past 8 years, Dr. Kerstman has been involved in several areas of Space Medicine, including medical risk assessment, medical modeling, and astronaut visual impairment. He has served as the clinical lead for the NASA Integrated Medical Model since 2007. He currently serves as the deputy to the Musculoskeletal and Rehabil-

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itation Lead at Johnson Space Center, responsible for astronaut injury prevention and treatment, and postflight reconditioning.

Dr. Kerstman received his bachelor's degree in mechanical engineering with honors in 1985 from Union College in Schenectady, NY. Upon graduation, he worked as an Associate Engineer for General Dynamics Electric Boat Division in Groton, CT. He then attended the State University of New York Downstate Medical School and received his M.D. in 1991. He completed a 1-year internship in

Internal Medicine at Albert Einstein College of Medicine in the Bronx, NY, followed by a 3-year residency in Physical Medicine and Rehabilitation Medicine at New York University/Rusk Institute in New York City. This was followed by 10 years of private practice in physical medicine and rehabilitation. He obtained board certification in Physical Medicine and Rehabilitation in 1996 and board certification in Pain Medicine in 2003.

In 2005, Dr. Kerstman began his training in aerospace medicine at the University of Texas Medical Branch in Galveston, TX. In 2006, he received his M.P.H. in 2006 and graduated from the UTMB/NASA Aerospace Medicine Residency program in 2007. Upon graduation, he began working for Wyle Integrated Science and Engineering as an Aerospace Medicine Physician and Flight Surgeon at Johnson Space Center in Houston, TX. He obtained board certification in Aerospace Medicine in 2008. Since August of 2007, he has held the position of Assistant Professor of Physical Medicine and Rehabilitation at the Baylor College of Medicine and has served as a Pain Consultant for Memorial Hermann TIRR (The Institute for Rehabilitation and Research) in Houston, TX.

Lucas Will Head SUSNFS

CAPT Christopher C. Lucas, USN, MC, is the incoming President for the Society of U.S. Naval Flight Surgeons (SUSNFS). He was born in New Orleans, LA, and grew up in Winter Park, FL. He graduated magna cum laude from Harvard University in 1987 with a degree in chemistry. With the assistance of a Navy Health Professions Scholarship, he graduated as an M.D. with honors from the University of Florida in 1995 and was commissioned as a lieutenant in the Medical Corps.



In 1996, he completed internship at the Naval Medical Center San Diego. Following training at the Naval Aerospace Medical Institute (NAMI) in Pensacola, FL, CAPT Lucas was designated a Naval Flight Surgeon in 1997. He reported to Marine

Corps Air Station El Toro, CA, to serve with Marine Medium Helicopter Squadron 163, where he was designated a CH-46E Naval Aircrewman. During his tour he completed a deployment embarked with the 15th Marine Expeditionary Unit aboard the USS *Essex* in support of Operation Southern Watch in 1998. While underway he was designated a Surface Warfare Medical Department Officer.

In 1999, CAPT Lucas completed an M.S. in neuroscience from the University of Florida, and returned to Harvard University to complete an M.P.H. in 2000. He finished residency training in aerospace medicine at NAMI in 2002 and remained on staff, initially as Department Head of Physical Examinations and then as Director of Academics. While at NAMI, he was awarded the Golden Apple award for excellence in teaching. In 2004, he reported to Naval Hospital Jacksonville, FL, and completed a second residency in family medicine in 2006. From 2006 to 2007 he served as the final Senior Medical Officer aboard the USS *John F. Kennedy*. From 2007 until 2009 he served aboard the USS *Carl Vinson* as the Senior Medical Officer.

From September 2009 until September 2012, CAPT Lucas was stationed at the Naval Health Clinic, Quantico, VA, where he was Director of Public Health and the staff specialist in Occupational Medicine. From September 2012 until 2014, he served as the Naval Safety Center flight surgeon and aeromedical analyst. Since 2014 he has been the Naval Air Force Atlantic Surgeon.

An Associate Fellow of AsMA, CAPT Lucas has been a member for over 25 years and has served on the Safety and Nominations Committees. He served as Treasurer of SUSNFS from 2003-2004 and has been a member for over 18 years. He is board certified in aerospace, occupational, and family medicine. During his career, he and the departments he has headed have earned many outstanding achievement awards. His personal awards include the Meritorious Service Medal (three awards), the Navy and Marine Corps Commendation Medal (two awards), and the Navy and Marine Corps Achievement Medal (two awards).

O'Brien Incoming President of ASAMS

Colonel David M. O'Brien, USAF, is the 2015-2016 President of the American Society of Aerospace Medicine Specialists (ASAMS). He is currently assigned as the Command Surgeon, United States Transportation



Command (USTRANSCOM), Scott AFB, IL. He serves as the senior medical advisor to the Commander, USTRANSCOM, and directs global patient movement in support of DoD activities, including overseas contingency operations and defense support to civilian agencies. Additionally, he directs development of strategic policy and interagency coordination related to patient movement, enabling 24/7/365 global aeromedical evacuation for U.S. service members and other Department of Defense beneficiaries.

Colonel O'Brien received his B.S. degree in Biology from Loyola Marymount University and holds an M.D. degree from Stritch School of Medicine, Loyola University of Chicago. He served a Transitional Internship at Mary Imogene Basset Hospital in Cooperstown, NY, and completed residencies in Aerospace Medicine and Occupational Medicine at the USAF School of Aerospace Medicine at Brooks City-Base, TX. He earned an M.P.H. from the University of Texas, Houston, School of Public Health in 1994. From 1996-1999, he was Flight Commander, Flight Medicine, at the 354th Medical Ops Squadron at Eielson AFB, AK. In 1999, he transferred to Laughlin AFB, TX, where he served as Commander of the 47th Aeromedical Dental Squadron until 2001, when he became Chief flight Surgeon at HQ Air Mobility Command at Scott AFB, IL.

In 2004, he became Commander of the 96th Aerospace Medicine Squadron at Eglin AFB, FL, and then, during 2006-2007 served as first Medical Director of the Joint Patient Movement Center and then as Forward Surgeon, U.S. Central Air Forces, at Al Udeid Air Base, Qatar. In 2006, he also served as Commander of the 1st Aerospace Medicine Squadron at Langley AFB, VA. He transferred to Osan Air Base, Republic of Korea, in 2008, where he was Commander of the 51st Medical Group/7th Air Force Surgeon. In 2010, he became the 13th Air Force Surgeon at Joint Base Pearl Harbor-Hickam. He took his current position of Command Surgeon in 2012.

Col. O'Brien is a Fellow of the AsMA and a Certified Physician Executive. He is a member of the American Medical Association, the Society of USAF Flight Surgeons, the American College of Preventive Medicine, the American College of Occupational and Environmental Medicine, and the American College of Physician Executives. He is board certified in Occupational Medicine and Aerospace Medicine from the American Board of Preventive Medicine.

Ortega Will Lead SUSAFFS

Col. Hernando J. Ortega, Jr., USAF, is the incoming President for the Society of U.S. Air Force Flight Surgeons. He is the Chief, Aerospace Medicine



Division, Directorate of Medical Services and Training, Headquarters Air Education and Training Command (AETC), Randolph Air Force Base, TX. He is also the command Public Health Emergency Officer and the senior Aerospace and Military Medicine advisor for 13 medical units, serving more than 500,000 beneficiaries.

Col. Ortega entered the Air Force through the Health Professions Scholarship Program in 1986. He received his B.S. degree from the University of Georgia in 1981 and earned his M.D. degree from the University of Tennessee-Memphis School of Medicine in 1986. He has served as squadron flight surgeon for fighter, mobility, airvac, rescue, and special operations units. He also served as a NASA Flight Surgeon, supporting astronauts during Space Shuttle and NASA/Mir missions. He completed the Aerospace Medicine Residency at Brooks AFB, TX, in 1987 and was awarded his M.P.H. from Harvard in 1999. A Chief Flight Surgeon who has commanded at the flight, squadron, and group levels, he deployed in support of Operation Iraqi Freedom, commanding the 332d Expeditionary Medical Support (EMEDS) Squadron at Balad AB, Iraq, during the historic turnover of national sovereignty to the people of Iraq. He commanded the 8th Medical Group, Kunsan AB, Korea, and prior to assuming his current duties, was the Command Surgeon for the Air Force Intelligence, Surveillance and Reconnaissance Agency (AF ISR Agency).

Among Col. Ortega's many awards and decorations are the Humanitarian Service Medal with Bronze Star, the Global War on Terrorism Service Medal

and the Global War on Terrorism Expeditionary Medal, the National Defense Service Medal with Bronze Star, the Air Force Commendation Medal with Oak Leaf Cluster, the Meritorious Service Medal with five Oak Leaf Clusters, and the Legion of Merit. He was named Air Combat Command Flight Surgeon of the Year in 1994 and was the recipient of the AsMA Julian E. Ward Memorial Award in 2001.

A Fellow of AsMA, Col. Ortega served as Treasurer from 2011-2015. He is a member of a number of organizations, including the American Medical Association, the Society of NASA Flight Surgeons, the International Academy of Aviation and Space Medicine, and the American College of Environmental and Occupational Medicine.

Ricaurte Is Incoming President for AsHFA

Eduard M. Ricaurte, M.D., M.S., FAsMA, is the newest President of the Aerospace Human Factors Association. A native of Cartagena, Colombia, he graduated from the School of Medicine, University of Cartagena, in 1989. His interest in aviation medicine began in 1990, while he was working as the Manager of Health Programs for the Colombian Civil Air Patrol. In 1992, he completed training in aviation medicine at the National University in Bogotá, Colombia.



In 1993, as the Chief of Aviation Medicine Division in the Civil Aviation Authority of Colombia (CAAC), Dr. Ricaurte had the opportunity to deal with a broad spectrum of activities in the areas of aeromedical certification, airport health

services, human performance, and medical aspects of aircraft accident investigation. He was involved in the investigation of medical aspects of three major aircraft accidents in Colombia. In 1996, he went to the Federal Aviation Administration's Civil Aerospace Medical Institute in Oklahoma City, OK, to receive post-graduate training in Aviation Medicine and Aircraft Accident Investigation. After completing his Master of Science's degree in Aerospace Medicine at Wright State University in Dayton, OH, in 2001, Dr. Ricaurte began a Ph.D. program in Human Factors Engineering, with emphasis in human-computer interface and spatial disorientation, at the same university. He is currently working as a contractor at the Federal Aviation Administration's Civil Aerospace Medical Institute as the administrator of a research-oriented Aerospace Accident Injury and Autopsy Data System (AA-IADS).

Dr. Ricaurte is currently an assistant professor of community health at Wright State University's Boonshoft School of Medicine. He has also been an adjunct professor of Human Factors Engineering in Aerospace Medicine at Wright State University and the Military University in Bogota, Colombia.

A Fellow of AsMA, Dr. Ricaurte is currently Chair of the Aerospace Safety Committee. He is a Past President of the Iberoamerican Aerospace Medical Association and a member of the International Academy of Aviation & Space Medicine. He has published several scientific articles and has been the co-author, along with Dr. Stephen Veronneau, of the accident investigation chapter in the textbook "Fundamentals of Aerospace Medicine," 4th ed., 2008. He has also been active as a guest speaker in aviation medicine, human factors, and aviation safety at various international meetings in Latin America and the United States. He was the recipient of the John A. Tamisea Memorial Award at AsMA in 2007.

Salicrup Heads IAMFSP

Carlos Salicrup, M.D., M.S., ATP, EMT-P, FAsMA, is the President of the International Association of Military Flight Surgeon Pilots (IAMFSP). Dr. Salicrup is an experienced professional pilot with over 8000 hours of flying and is one of the few top-rated pilots for the Boeing 787 "Dreamliner" aircraft. His experience includes regular and long-range flights to many major cities in the United States, Canada, Mexico, Europe, Asia, and Central and South America. These flights have been in a variety of positions such as First Officer, Captain, Flight Instructor, and Airline Technical (Test) Pilot.



Dr. Salicrup attended aerospace medicine school while on a study leave from Aeromexico, for whom he was flying MD-80s. He graduated from the

National Autonomous University of Mexico Medical School and the Wright State University School of Aerospace Medicine. His Aerospace Medicine degrees are strengthened by his 21 years of experience in pre-hospital medical care with a firefighter-paramedic background.

Dr. Salicrup is board certified by the Mexican Council of Aerospace Medicine and the National Academy of Medicine. He has served as a board member of the Mexican Space Agency, where he represented the Mexican National Academy of Medicine. He is a Professor and Associate Professor for aerospace medicine residency and diploma courses. He is an FAA and Transport Canada Aviation Medical Examiner

Dr. Salicrup is the former Health & Safety and Social Welfare Secretary at the Mexican Airline Pilots Association, a member of ICAO's CAPSC, President of the Mexican Association of Aviation and Space Medicine, and a member of the Human Performance-Medical Committee of the International Federation of Airline Pilots Associations, the Space Medicine Association, the Iberoamerican Aerospace Medical Association, and the Aerospace Human Factors Association. He is also an Associate Fellow of the Aerospace Medical Association, where he serves on the Aerospace Human Performance Committee.

Vander Ark Is the President of SMA

Stephen T. Vander Ark, B.A., M.S., is the 2015-2016 President of the Space Medicine Association (SMA). He is currently Wyle, Science, Technology & Engineering Groups's Behavioral Health and Performance (BHP) Section Manager. The BHP Section supports both the Space and Clinical Operations Division and Biomedical Research and Environmental Sciences Division at NASA Johnson Space Center. He received an M.S. degree in Industrial/Organizational psychology from the University of Wisconsin in 1993.



Mr. Vander Ark began work at Krug/Wyle and NASA Johnson Space Center in 1990 with the Behavior and Performance Laboratory. In 1994 he transitioned to Medical Operations to begin developing the BHP countermeasures and monitoring services for U.S. astronauts participating with the joint NASA-Mir Program, and subsequently extending and expanding these services for the ISS Program. In 2004 he began assisting in NASA's efforts to begin the Flight Analog Program, specifically standing up the psychological screening and support for Bed Rest Study subjects at UTMB, and beginning a BHP Research Element for the Human Research Program. He has served as Executive Secretary of the international partner Spaceflight Human Behavior and Performance Working Group since its inception in 1998.

Mr. Vander Ark has served as Member at Large of the Space Medicine Association Executive Committee, and subsequently elected to serve as SMA Secretary 2012 - 2014, and then as SMA President-Elect 2014-2015. His awards include the NASA JSC Astronaut Office's Silver Snoopy Award, five NASA JSC special space flight achievement awards, the NASA JSC Group Achievement Award for Outstanding Work in Supporting ISS Crew & Family Health, the Department of Defense's Patriot Award, an Outstanding Team Award from Wyle IS&E Group, and the NASA Administrator's Group Achievement Award for Innovative Design for the Medical and Psychological Recommendations for the Chilean miners trapped in the Copiapó mining accident of 2010.

Crowley Continues as AAvMA President

John S. Crowley, M.D., M.P.H., continues his second year as President of the Army Aviation Medicine Association (AAvMA). A retired Army Colonel, John has spent most of his career at the U.S. Army Aeromedical Research Laboratory at Fort Rucker, AL, serving as Research Flight Surgeon, Chief of the Crew Life Support Branch, Chief of the Aeromedical Factors Branch, Director of the Aircrew Protection Division, Science Program Director, first as a colonel and then after retirement he has continued in that position. A Fellow of AsMA, he is also a member of the AMA, AMSUS, Society of U.S. Army Flight Surgeons, Army Aviation Association of America, Association of the United States Army, Human Factors and Ergonomics Society, and Aerospace Human Factors Association.



IASS Call for Papers: The International Air Safety Summit (IASS) will be held in Miami, FL, from Nov. 2-4, 2015. For info, please see the Call for Papers at www.asma.org/asma/media/AsMA/pdf-meetings/Other%20Meetings/iass-2015-cfp.pdf.

Snyder Renews Master CFI Accreditation

Dr. Quay C. Snyder, Jr., a 7-time Master, a SAFE member, and a Fellow of AsMA, recently renewed his Master CFI accreditation. Dr. Quay is the president & CEO of Aviation Medicine Advisory Services, specializing in aeromedical certification for pilots and air traffic controllers. Additionally, he is a pilot examiner (DPE) and FAASTeam representative in the FAA's Denver FSDO area, as well as the Black Forest Soaring Society's chief glider CFI at Kelly Air Park (CO15). His accreditation as a Master CFI (Certificated Flight Instructor) was renewed by Master Instructors LLC, the international accrediting authority for Master Instructor designations as well as the FAA-approved Master Instructor Program. He first earned this national professional



accreditation in 2003, has held it continuously since then, and is one of only 24 worldwide to earn the credential seven (7) times. To help put these achievements in their proper perspective, there are approximately 98,000 CFIs in the United States. Fewer than 800 of them have achieved that distinction thus far. The last 20 National Flight Instructors of the Year or National FAASTeam Representatives of the Year were Master CFIs (see: <http://www.GeneralAviationAwards.org/>), while Quay is 1 of only 36 Colorado aviation educators who has earned this prestigious "Master" title. In the words of former FAA Administrator Marion Blakey, "The Master Instructor accreditation singles out the best that the right seat has to offer." The Master Instructor designation is a national accreditation recognized by the FAA. The designation must be renewed biennially and significantly surpasses the FAA requirements for renewal of the candidate's flight instructor certificate.

News of Members

Diane Damos, Ph.D., was asked to comment on the Germanwings accident from the perspective of pilot selection. She gave interviews to CNN and two Canadian TV stations as well as to several Canadian and US radio stations. She also was interviewed by Norwegian, Chinese, US, and Canadian newspapers.

New Members

Akinde, Kayode Peters, Dr., Lagos, Nigeria
 Althoff, Jeffrey R., Lt. Col., Goldsboro, NC
 Becker, William J., Dr., Wright-Patterson AFB, OH
 Bickett, Christopher R., 2LT, Kensington, MD
 Boyes, Kit A., Flt. Lt., RNZAF, Auckland, New Zealand
 Bridges, Nathaniel, Philadelphia, PA
 Diamond, Steven, Dr., Bethlehem, PA
 Eidson, Mark, M.D., Weatherford, TX
 Gregory, Jennifer F., M.D., Pensacola, FL
 Jones, Michael, Maj., North Ward, Australia
 Kelleher, Kevin, Dr., Portland, ME
 Kempf, Karsten, Dr., Frankfurt, Hessen, Germany
 Ko, Samuel, Pensacola, FL
 Kupko II, John J., M.D., Victor, MT
 Lehman, Robert, M.D., St. Petersburg, FL
 Makh, Dalbir S., M.Sc., M.B.B.S., Leicester, United Kingdom
 Mehring, Christopher G., B.S., Friendswood, TX
 Molfese, Victoria, Bennett, NE
 Norsk, Peter, M.D., Houston, TX
 Okupa, Francis, Dr., Sugarland, TX
 Rampil, Ira, M.D., Williamson, GA
 Spyropoulos, Basil, Dr., Lake Geneva, WI
 Su, Cheng, Dr., Midwest City, OK
 Tasci, Debra, B.A., Psy.D., Lakewood, CO
 Thompson, Terence B., Dr., Northridge, CA

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NEWS OF CORPORATE MEMBERS

AAAT Is Newest Corporate Member

Adams Advanced Aero Technology (AAAT) is the newest Corporate and Sustaining Member of the Aerospace Medical Association (AsMA). They are a Saudi Arabian owned company which has been providing specialist and support services to the military and border guards since 1964. They are experienced in procuring aeromedical and other pilot training devices, managing the installation, and providing long-term maintenance and support. They also support all types of hypobaric chambers for aircrew and diver training and for decompression emergencies. In the past, they have supplied and installed two Barany chairs for an aviation medical center and a 16-person hyperbaric chamber at an aeromedical center.

—Please see www.adamsaerotech.com/ and www.adamsaerotech.com/news/c1c32 to learn more about AAAT.

2015 AOPA Fly-In Season Kicks Off in Salinas

The agricultural central California town of Salinas welcomed pilots in mid-May to AOPA's first fly-in of 2015. It was overcast and IFR part of the day, but pilots of the area were so thrilled that AOPA was coming to town that many scrapped flight plans and drove in—some from as far as four hours away. Salinas—one of the many classic general aviation airports the association plans to visit for its regional fly-ins—is the first location for 2015. Preliminary numbers indicate that more than 2,600 attendees made Salinas Municipal Airport a weekend destination, enjoying camaraderie, fellowship, and hangar flying stories with fellow pilots and aviation enthusiasts. A pancake-and-sausage breakfast awaited attendees Saturday morning and nearly 100 Rusty Pilots also attended their own special breakfast, which reintroduced them to the flying world they once loved. The next AOPA Fly-In is June 6 at AOPA's headquarters on the Frederick Municipal Airport in Frederick, Maryland.

—Visit <http://www.aopa.org/News-and-Video/All-News/2015/May/17/Salinas-kicks-off-2015-AOPA-Fly-In-season> for more on this.

ALPA Hails ICAO Action to Create New Packaging for Lithium Battery Shipments

The Air Line Pilots Association, Int'l (ALPA) recently lauded the Dangerous Goods Panel of the International Civil Aviation Organization (ICAO) for committing to develop new packaging standards for lithium battery shipments on aircraft that would protect the aircraft and all on board from the effects of a lithium battery fire (see more at: <http://www.alpa.org/news-and-events/news-room/2015-05-01-ICAO-New-Packaging-Standards-Lithium-Batteries#sthash.7da9k8EO.dpuf>). The panel will form a new working group to develop packaging standards with the goal of ensuring that any hazardous effects of a lithium battery fire are contained within the package. With this packaging standard in place, a fire in a lithium battery package would not propagate to other packages in a cargo compartment or endanger the aircraft. ALPA pilots, led by First Officer Mark Rogers, ALPA's director of Dangerous Goods Programs, joined with representatives of the major aircraft manufacturers at a meeting of the ICAO Panel in late April. The Panel was presented with a recommendation that new packaging and shipping standards be created for shipments on both passenger and all-cargo aircraft, and that high-density shipments of lithium ion batteries not be carried aboard passenger aircraft until such standards are in place, setting the stage for the action by the panel.

—Please see <http://www.alpa.org/news-and-events/news-room/2015-05-01-ICAO-New-Packaging-Standards-Lithium-Batteries> to read more about this.

Baxter Receives FDA Approval for Spanish Manufacturing Site

Baxter International Inc. announced recently that the U.S. Food and Drug Administration (FDA) has approved the company's supplemental drug application to establish its Sabinanigo, Spain, facility as an approved manufacturing site for 0.9% sodium chloride injection, USP, for the U.S. market. The approval includes product presentations in 250 ml, 500 ml, and 1000 ml, which Baxter has been distributing in the U.S. to alleviate a drug shortage with the knowledge of the FDA. All three of these product presentations of 0.9% sodium chloride injection, USP, more commonly known as saline, have been listed in drug shortage databases maintained by FDA and the American Society of Health-System Pharmacists over the past 2 years. The approval of

the additional manufacturing site gives Baxter greater flexibility in responding to market demand fluctuations and will help meet patient and healthcare provider need for the product.

—Visit http://www.baxter.com/press_room/press_releases/2015/05_15_15_sodium_chloride.html for more on this.

NIOSH & OSHA Release New Toolkit to Protect Workers

The National Institute for Occupational Safety and Health (NIOSH) and the Occupational Safety and Health Administration (OSHA) recently released the Hospital Respiratory Protection Toolkit, a resource for health care employers to use to protect hospital staff from respiratory hazards. Respirators are used to protect against exposures to airborne transmissible infectious diseases as well as chemicals and certain drugs that may be used in healthcare settings. OSHA's Respiratory Protection Standard requires that health care employers establish and maintain a respiratory protection program in workplaces where workers may be exposed to respiratory hazards. The toolkit covers respirator use, existing public health guidance on respirator use during exposure to infectious diseases, hazard assessment, the development of a hospital respiratory protection program, and additional resources and references on hospital respiratory protection programs. Appendix D is an editable document that each hospital can customize to meet its specific needs. To supplement the toolkit, The Joint Commission, an accrediting body for more than 20,500 health care organizations and programs in the United States, developed an educational monograph to assist hospitals in implementing respiratory protection programs. The monograph, produced in collaboration with NIOSH's National Personal Protective Technology Laboratory, identifies common implementation challenges, provides specific examples of innovative strategies from healthcare organizations and examines the role of leadership, quality improvement, fit testing and training challenges, and program evaluation.

—Please see <http://www.cdc.gov/niosh/updates/upd-05-14-15.html> to read more about this.

Mayo Clinic Develops New Mouse Model for ALS and FTD

Researchers at Mayo Clinic in Florida have developed a mouse model that exhibits the neuropathological and behavioral features associated with the most common genetic form of amyotrophic lateral sclerosis (ALS or Lou Gehrig's disease) and frontotemporal dementia (FTD), which are caused by a mutation in the C9ORF72 gene. They say their findings, reported in *Science* in May, will speed further research into the molecular mechanism behind these disorders and that the animal model will offer a way to test potential therapeutic agents to halt the death of neurons in the brain and spinal cord. The new mouse model demonstrates that the C9ORF72 repeat expansion, a genetic abnormality discovered in 2011 by Mayo investigator Rosa Rademakers, Ph.D., leads to the generation of toxic ribonucleic acid (RNA) species that form abnormal foci, or clumps, as well as inclusions of c9RAN and TDP-43 proteins. However, the new study sheds light on a link between the C9ORF72 repeat expansion and inclusions of TDP-43, a protein that has long been known to go awry in the majority of ALS and FTD cases. The investigators report these physical and biochemical changes in the mouse brain may be responsible for the observed behavioral deficits and motor impairments akin to human disease symptoms. Researchers are also working to identify chemical compounds that bind to the repeat-expansion RNA before it can form foci and c9RAN proteins that disrupt nerve cell function. By therapeutically targeting the RNA, thereby preventing the formation of RNA foci and c9RAN proteins in brain cells, the collaborators hope to combat cell death and the associated disease symptoms that c9FTD/ALS patients suffer.

—Visit <http://newsnetwork.mayoclinic.org/discussion/mayo-clinic-new-mouse-model-for-als-and-frontotemporal-dementia-gene-offers-hope-for-potential-therapies/> for more on this.

SAA Signs Memorandum of Understanding with DTI

South African Airways (SAA) announced recently that the airline has signed a Memorandum of Understanding (MOU) with the Department of Trade and Industry (DTI) in a commitment to develop and support inclusive supplier sourcing and procurement. As a national carrier, SAA intends to lead transformation in South African aviation supplier development. The move also comes as the Board resolved to accelerate its enterprise development

program and focus on inclusive opportunities for black owned, women owned, disabled, and youth owned businesses. Successful implementation of the new 3-year SAA Supplier Development Programme will see up to 50% of all consumable supplies sourced from empowered enterprises by end 2018. In partnership with the DTI the airline will source potential suppliers and provide training and development assistance through regular seminars and engagement sessions around the country.

—Please see http://www.flysaa.com/us/en/flyingSAA/News/South_African_Airways_and_the_Department_of_Trade_and_Industry_sign_a_Memorandum_of_Understanding_on_Procurement_Opportunities_for_Black_Industrialists.html to read more about this.

Spectrum Aeromed CEO Named EY Entrepreneur of the Year Finalist

EY recently announced that Chief Executive Officer Dean Atchison of Spectrum Aeromed is a finalist for the EY Entrepreneur Of The Year® 2015 Award in the Upper Midwest. The awards program recognizes entrepreneurs who demonstrate excellence and extraordinary success in such areas as innovation, financial performance and personal commitment to their businesses and communities. Atchison was selected as a finalist by a panel of independent judges. Award winners will be announced at a special gala event on June 10th at the Hyatt Regency Hotel in Minneapolis. Atchison purchased Spectrum Aeromed in 2007 and launched a plan to overhaul the operating model of Spectrum Aeromed based on management through a leadership team, lean enterprise practices, and a world-class quality management system. In 2008 he relocated the operation from Wheaton, MN, to a location at Hector International Airport in Fargo, ND, and, through the Spectrum Aeromed leadership team, initiated a new strategic roadmap. Since Atchison acquired Spectrum Aeromed, revenues have grown by a factor of 7x and as a result the company has been recognized on the Inc. 500/5000 list of America's fastest growing private companies three times in the past 4 years.

—Visit <http://spectrum-aeromed.com/spectrum-aeromed-ceo-dean-atchison-named-ey-entrepreneur-year-2015-award-finalist-upper-midwest/> for more on this.

UPCOMING CALLS FOR PAPERS

November 2-4, 2015; 53rd Annual SAFE Symposium; Caribe Royale Hotel & Convention Center, Orlando, FL. Call for Papers: Deadline for abstract submission is July 24, 2015. For more information, please visit <http://www.safeassociation.com/index.cfm/page/symposium-overview>.

November 2-4, 2015; International Air Safety Summit (IASS); Miami, FL. Brief abstracts (up to 200 words) and a 1-page resume or CV with contact information are due no later than June 27, 2015. Submissions can be electronic, by email attachment (preferred) to technical@flightsafety.org or by fax to 1-703-739-6708. For more information, see the Call for Papers at <http://www.asma.org/asma/media/AsMA/pdf-meetings/Other%20Meetings/iass-2015-cfp.pdf>.

November 10-12, 2015; The XI International Scientific and Practical Conference "Manned Space Flights"; Star City, Russia. Abstract deadline for international participants is July 7, 2015. For more information, please visit <http://msf2015starcity.com/en>.

MEETINGS CALENDAR

June 22-26, 2015; 6th Pan American Aviation Safety Summit; Intercontinental Hotel Medellin, Medellin, Columbia. For more information or to register, please visit <http://www.alta.aero/safety/2015/home.php>.

July 1-3, 2015; XXVIII National Congress of AIMAS; Expo-Fiera Milano, Milan, Italy. For more information, please visit www.aimas.it or contact Maj. Paola Verde, segreteria@aimas.it.

October 12-16, 2015; 66th International Astronautical Congress (IAC 2015); Jerusalem, Israel. For more information, please visit <http://www.iac2015.org/cost-and-payments/>.

December 6-8, 2015; First UAE International Symposium on Air Sport Medicine. This symposium is being held as part of the FAI World Air Games Dubai 2015 from Dec. 1-12. For more information, please see http://www.asma.org/asma/media/asma/pdf-meetings/Other%20Meetings/cimp_symposium_announcement.pdf.

Corporate News Bites

Air Canada: Air Canada hosted its 2015 Investor Day in early June in Toronto. Presenters included the President and Chief Executive Officer, the President of Passenger Airlines, the Executive Vice President and Chief Operating Officer, and the Executive Vice President and Chief Financial Officer, with other members of Air Canada's executive team present. Attendance was limited to investors and analysts. For more on this, please visit <http://aircanada.mediaroom.com/index.php?s=43&item=882>.

AMAS: Aviation Medicine Advisory Service's (AMAS's) President and CEO recently attended Cessna Aircraft Company's annual customer support conference for aircraft owners in late April. He presented information on preserving and protecting your medical certificate and also attended an open session for private responses to medical certification inquiries from owners. To see this and other AMAS news, please see <https://www.aviationmedicine.com/amas-notams/latest-amas-news/>.

Essex Industries: Essex has signed two exclusive distributor agreements to support international sales efforts for their line of Emergency Breathing Equipment. Safari Aviation, located in the United Arab Emirates, is the exclusive Essex distributor in UAE, Saudi Arabia, Jordan, Lebanon, Oman, Kuwait, Qatar, Bahrain, Egypt, Turkey, and Iraq, while Avio-Diepen Hong Kong has exclusivity in South Korea, India, and Japan (All Nippon Airways). For more on this, please visit essexindustries.com/news_view?nid=638.

United: United presented at the Wolfe Research 8th Annual Global Transportation Conference in late May. United also previewed its Los Angeles International Airport (LAX) redevelopment project in mid-May. This project is expected to refresh all of United's customer spaces at LAX, offering more conveniences and amenities. To see these news releases, please visit <http://newsroom.united.com/2015-05-18-United-Airlines-to-Present-at-Wolfe-Research-8th-Annual-Global-Transportation-Conference> and <http://newsroom.united.com/2015-05-13-Sneak-Peek-Convenience-Comfort-and-Class-to-Await-United-Customers-at-New-Look-LAX>.

Future AsMA Annual Scientific Meetings

April 24-28, 2016: Harrah's Resort
Atlantic City, NJ

April 29 - May 4, 2017: Sheraton Denver Downtown Hotel
Denver, CO

May 6-10, 2018; Hilton Anatole Hotel
Dallas, TX

May 5-9, 2019; Rio All Suites Hotel
Las Vegas, NV

George Mason University 2015 Summer Program in International Security

IS 0300—Pandemics, Bioterrorism, and International Security
July 22 – 24, 2015, 9:00 AM – 5:00 PM, GMU Arlington Campus

This three-day, non-credit course introduces participants to the challenges facing the world at the intersection of health and security.

Who Should Attend: Professionals and academics in public health, the life sciences, industry, law enforcement, emergency management, international affairs, and national security who have responsibilities for preventing, preparing for, or responding to pandemics or bioterrorism.

Registration fee: \$1195 (\$1395.00 After June 15). Registration includes: Continuing Education Units and Certificate, All Course Materials, Catered Lunches and Coffee Breaks, Networking Reception. Discounts for GMU alumni and groups of three or more. For more or to register: <http://spgia.gmu.edu/programs/executive-education/summer-program-international-security/>.