

# Ever Upward: March 2015

#### **News of Members**



**European CMOs**—Roland Vermeiren, M.D. (red suit, front, center), recently attended the 17th meeting of European Chief Medical Officers in Rome, Italy. Dr. Vermeiren is AsMA's Vice President of Representation and Advocacy and serves on the Scientific Program, Resolutions, International Activities, and Air Transport Medicine Committees and is a member of the European Society of Aerospace Medicine.

Chiaki Mukai, M.D., Ph.D., the 2013 recipient of the Joe Kerwin Award, was appointed to the 'Ordre National de la Legion d'honneur-Chevalier' in early February by the French government. Her connection to France is mainly through the International Space University (ISU). Since 2004 she has been serving as a visiting professor at the ISU. From 2004-2007, she was a full-time professor at ISU's Strasbourg, France, campus.

#### **Associated Fellows Elected**

The following members of AsMA have achieved Associate Fellowship status and were approved by the Executive Committee: Nawaf Salem Al-Khazaleh, M.D.; Christopher Backus, B.S., M.D.; Patrick Birchfield, D.O.; Raymond Clydesdale, D.O., M.P.H.; Amanda Fox, M.S.; Stevan Gilmore, M.D.; Sanjay Gogate, D.O.; Theresa Goodman, M.D., M.P.H.; David Hardy, D.O.; Judith Hayes, M.P.H., M.S.; Peter Hurly; Michael Jacobson, D.O.; Gilbert K. Kabanda, M.D.; Kris Lehnhardt, M.D.; Wilfred Lim, D.Av.Med.; Mari Metzler, D.O.; and William Porter, M.D., M.P.H.

#### AsPS Smith W. Ames Lecture

The Aerospace Physiology Society is proud to announce our Smith W. Ames Lecture guest speaker for our 50th anniversary meeting: Dr. William Albery,

Ph.D. Bill will provide a talk on the career of our annual luncheon speaker's namesake, Smith W. Ames.



Dr. Bill Albery is a 30-year member of the Aerospace Medical Association (AsMA) and the Aerospace Physiology Society (AsPS). He is an AsMA Fellow (1995) and Fellow of the Aerospace Human Factors Association (1998) of AsMA. He is a Life Member and former President of the SAFE Association and an Associate Professor in the Biomedical Sciences Ph.D. program at Wright State University. His 27 years of acceleration research at the Air Force Research Laboratory (AFRL) at

Wright-Patterson AFB (WPAFB) included both human and animal model studies, spatial disorientation (SD) research, and helicopter maneuvering performance in degraded visual environments.

Bill is a native of Kettering, OH, and graduated from Wright State University in Dayton, where he earned a B.Sc. degree in Systems Engineering in 1971. He earned a M.Sc. degree in Biomedical Engineering from The Ohio State University in 1976. He received his Ph.D. degree in Biomedical Sciences from Wright State University in 1987. He began his Air Force career in 1971 as an Electronics Engineer in the Air Force Human Resources Laboratory at Wright-Patterson AFB and worked in flight simulation until moving to the Aerospace Medical Research Laboratory (AMRL) in 1981. At

AMRL Bill was a principal investigator and then Branch Chief at the Dynamic Environment Simulator centrifuge until his retirement in 2008.

Bill's research led to numerous publications and awards, including the AMRL Harry G. Armstrong Award for Scientific Excellence in 1987, Harry G. Moseley Award (AsMA) in 1994, Paul Bert award for excellence in aerospace physiology research (AsPS) in 2004, Kent K. Gillingham Award (AsMA) 2006, and he was singled out by Maj. Gen. Bedke (AFRL Commander) in his speech to the 2009 Aviation Psychology Conference: "and Scientists like Bill Albery...made tremendous progress discovering ways to better protect human beings from the rigors of flight, thus freeing them to perform at their best." Bill's primary areas of research included flight simulation (motion and force systems), sustained acceleration (human performance under G), SD countermeasures, and rotary wing brownout solutions. He served on three NATO Research and Technology Task Groups, including HFM-162 Rotary Wing Brownout, which he chaired from 2007 to 2011. He has over 160 publications and presentations including three book chapters and two U.S. Patents.

Since his retirement from the Air Force in 2008, Bill has been a contractor and for the past 3 years he has been an Associate with Booz Allen Hamilton in Dayton supporting programs at Wright-Patterson AFB. His most recent assignment has been with the Naval Medical Research Unit- Dayton at Wright-Patterson, where he has served as a Senior Biomedical Engineer participating in the installation and acceptance testing for the Disorientation Research Device (DRD), a 50-ton centrifuge-like device with six degrees of freedom motion capability. The DRD will be used for basic and applied SD research, uniquely suited for creating authentic motion for investigating multi-sensory perceptual illusions and developing countermeasures.

#### **New Members**

Bastaki, Qais, M.B., B.S., London, United Kingdom Bermudez, James E., USAF, FS, APO AE Bradke, Brian S., Northfield, VT Brauzzi, Marco, M.D., Grossetto, Italy Burke, Erin D., Billings, MT

Conway, Sherry L., B.Sc., Sqn. Ldr., RAF, Sarisbury Green, Southampton, United Kingdom

Garcia, Kathleen M., League City, TX
Gentry, William, M.S., MAJ, ANG, San Antonio, TX
Guehl, Allen C., M.D., Beavercreek, OH
Ivory, Eleanor Ann, Dr., FRCS, Ed., Wiltshire, United Kingdom
Khanal, Saroj, Brooklyn, NY
Kileen, Colm M., Dr., Dublin, Ireland
King, Fitzwilliam W., M.D., Capt., Marietta, SC
Kinsella, Amelia, Ms., Clemson, SC
Korpioja, Pasi P., B.Med., Oulu, Finland
Llorin, Chery, Conard, CA
Murai, Tadashi, Dr., Tsukuba, Ibaraki, Japan

Murai, Tadashi, Dr., Tsukuba, Ibaraki, Japan Parent, Andree-Anne, Montreal, Quebec, Canada Porras, Daniel Fernando, Dr., Bogota, Columbia Roberts, Donna R., M.D., Charleston, SC Sickler, Monica M., M.D., Maj., USAF, APO AE Sonati, Jaqueline Girnos, Ph.D., Sao Paulo, Brazil Turnquist, Paul E., Dr., Dover, NH Wells, Michael J., Mr., Tucson, AZ Wood, Felix, Mr., Watlington, United Kingdom Young, Anthony H., Orlando, FL

# In Memoriam: George Schafer

AsMA was saddened to learn of the death of Lt. Gen. (Dr.) George E. Schafer, USAF (Ret.), in January. Schafer was a Past President of AsMA, serving from 1974–1975. The Society of U.S. Air Force Flight Surgeons named their lifetime achievement award for career contributions to aerospace medicine in his honor.

Born in Cincinnati, OH, General Schafer graduated from the Medical School of the University of Cincinnati in 1946 and served an internship at St. Joseph's Hospital in Fort Wayne, IN, from 1946-1947. He then served a 3-month surgical residency, after which he entered the U.S. Air Force in 1947. He completed the Aviation Medical Examiners course and the Aviation

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Physiologists course at the U.S. Air Force School of Aviation Medicine, Randolph Field, TX, that same year. He was then assigned to the 4th Fighter Group at Andrews Air Force Base, MD, where he completed a 3-month cold-weather test in 1948. In 1949, he became Chief of the Aviation Physiology Branch at the Office of the Surgeon, Headquarters Air Training Command, at Barksdale Air Force Base, LA. He was then assigned as Chief of the Aviation Medicine Division at Air Training Command Headquarters, which had moved to Scott Air Force

Base, IL, in 1950. He then served overseas as Chief of the Aviation Medicine Division at the Office of the Surgeon, Headquarters U.S. Air Forces in Europe in Wiesbaden, Germany, then as Commander of the 7330th USAF Hospital, Furstenfeldbruck Air Base, Germany, and as a surgeon at Headquarters Air Training Command, all between 1952 and 1956.

General Schafer returned to the United States in 1956, where he took the Public Health and Preventive Medicine Course at the National Naval Medical Center in Bethesda, MD. In 1957, he was transferred to the USAF Hospital at Davis Monthan Air Force Base, AZ, where he served as Commander. He then attended the Air War College at Maxwell Air Force Base, AL, from 1961-1962, following which he served at Brooks City-Base, TX, as Assistant Deputy Chief of Staff in research and development and then as Deputy Chief of Staff for operations in the Headquarters Aerospace Medical Division. He became Vice Commander of the U.S. Air Force School of Aerospace Medicine in 1964 and was then appointed the Vice Commander of the Aerospace Medicine Division in 1965. He took the position of Commander of the U.S. Air Force School of Aerospace Medicine in 1967. In 1969, Gen. Schafer served as surgeon for the 7th Air Force at Tan Son Nhut Airfield, Republic of Vietnam, returning to the United States in 1970. He was assigned to Scott AFB, IL, as Deputy Command Surgeon for the Military Airlift Command. Following that assignment, he returned to Brooks City-Base in 1971, where he served as Commander of the Aerospace Medical Division, AFSC. In 1975, he became deputy Surgeon General of the U.S. Air Force and then, later that year, became Surgeon General. He retired from the U.S. Force as a lieutenant general and worked in private industry in Virginia until moving back to San Antonio, TX.

Gen. Schafer was a member of the American Medical Association and the American College of Preventive Medicine, a Past President of the Society of U.S. Air Force Flight Surgeons, the Association of Military Surgeons of the United States, and the Aerospace Medical Association (AsMA), and a Fellow of AsMA. He was board certified by the American Board of Preventive Medicine and was the author of various aerospace medicine publications. He was also the first flight surgeon to be assigned full time to a jet organization such as the 4th Fighter Group, and thus he reported to the National Research Council on the medical operational problems of jet flyers. His awards included the Distinguished Service Medal, the Legion of Merit with oak leaf cluster, the Air Medal, the Air Force Commendation Medal with oak leaf cluster, the Korean Order of National Security Merit Guk Seon Medal, the Republic of Vietnam Gallantry Cross, the Republic of Vietnam Honor Aeronaut command Wing Medal Award, the Vietnam Service Medal with three service stars, and the Republic of Vietnam Campaign Medal.

To see the online obituary, please visit http://www.legacy.com/obituaries/sanantonio/obituary.aspx?n=george-schafer&pid=174026592&fhid= 5701.

# In Memoriam: William S. Augerson

AsMA recently learned that William S. Augerson, M.D., an Emeritus Member and Fellow of the Aerospace Medical Association, died in early January. He enlisted in the Navy in 1945 and served aboard the U.S.S. *Alabama* as an electronics technician. He was then stationed on the U.S.S. *Mt. McKinley* near Bikini Atoll during nuclear weapons testing in 1946. When he was discharged from the Navy, he attended and graduated from Bowdoin College. He received a medical degree from Cornell University Medical College, served a residency at Walter Reed Medical Center, and joined the U.S. Army Medical Corps, where he served for nearly 30 years.

During his military career, Dr. Augerson served as Division Surgeon with the 82nd Airborne Division during the Cuban missile crisis. He was later assigned to NASA, serving as a Research Flight Surgeon to the Mercury, Gemini, and Apollo projects, where he played an important role in the planning, research, and operations. He received several civilian awards for his work with NASA. He also served in Vietnam from 1967-1968 as Division Surgeon of the 23rd Infantry Division and received the Silver Star. From 1979-1982, he served as Senior Medical Officer and Deputy Assistant Secretary of Defense responsible for Health Policy and Planning. Later he became Commanding General of the U.S. Army Medical Research and Development Command and was Major General and Deputy Assistant Secretary of Defense when he retired from the Army.

After he retired from the military, Dr. Augerson became Vice President of Arthur D. Little, Inc., in Cambridge, MA, where he researched in the fields of chemical and biological defense, pharmaceuticals, health care, and environmental and occupational health. When he retired from Arthur D. Little, he worked as a consultant for a variety of peer review organizations and research and consulting firms. His awards included the Distinguished Service Medal, the Outstanding Service Award from the Uniformed Services University of Health Sciences, and a Special Honor Citation from the American Medical Association for his contributions to space medicine. He was a Diplomate of the American Board of Internal Medicine. He also had additional training and experience in aerospace, environmental, tropical, and preventive medicine.

# Call for Nominations: FSF Business Aviation Meritorious Service Award (BAMA)

This award has been presented by the Foundation since 1975 for outstanding service and contributions to corporate aviation safety. The award recognizes individuals whose work enhances safety in this segment of the industry. Recipients have included industry leaders, government officials, members of the news media and researchers whose findings were especially relevant to corporate aviation. The award includes a hand-lettered citation.

The nominating deadline is April 3, 2015. The award will be presented at the 60th Annual Business Aviation Safety Summit, May 13-14, 2015, in Weston, FL. To download the 2015 Business Aviation Meritorious Service Award Nomination Form, please visit http://flightsafety.org/aviation-awards/fsf-business-aviation-meritorious-service-award (MSword 81 KB). For more information on the Flight Safety Foundation Awards Program, please contact Kelcey Mitchell at mitchell@flightsafety.org or phone +1 703.946.8635.

# **News of Corporate Members**

# **IMSS Newest Corporate Member of AsMA**

International Medical Support Services (IMSS) is the newest Corporate and Sustaining Member of the Aerospace Medical Association (AsMA). They are a health care and emergency readiness provider located in the Republic of Georgia. Their staff consists of physicians who are Georgian and internationally qualified and who have regular training in hospital management in the United Kingdom and internationally. They are fluent in Georgian, English, Russian, and German. They offer a wide range of medical services, including family practice, travel and tropical medicine, pediatric and postnatal care, vaccination clinics, emergency management and evacuation, and international medical referral services. They were recently certified to offer OGUK offshore medical assessment.

—To learn more about this company, please visit their website at www.imss.ge or see their Facebook page at https://www.facebook.com/IMSS.ge.

# SAA First to Implement Satellite Authorization Systems

South African Airways (SAA) recently became the first airline globally to install the SatAuth (Satellite Authorization Systems) solution. The system, first installed on the airline's cabin trainer for testing in May last year, will not only allow secure credit card transactions anywhere in the skies, but also provide pin-point accurate aircraft tracking services for operational purposes, impacting fuel saving interventions in flight as well as providing full visibility of actual flight paths versus planned routing at any time. SatAuth is the first product of its kind and was developed in South Africa. South African Airways Technical (SAAT) will manufacture all the major aircraft components required for installation of SatAuth in accordance with the international aviation certification standards required for installation. SAA plans to install SatAuth across its entire long-haul fleet over time.

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—Please see http://www.flysaa.com/us/en/flyingSAA/News/South-Africa-leads-sky-commerce-with-world-first-aircraft-tracking-and-real-time-payment-innovation-SAA-first-airline-to-activate-globally.html for more on this.

### Mayo Clinic's Telestroke Added in Southern Nevada

Southern Nevada residents in need of emergency medical care for a stroke may benefit from a Mayo Clinic "telestroke" program that is now available at all three campuses of Dignity Health-St. Rose Dominican (Rose de Lima, Siena, and San Martín). A recent agreement between St. Rose and Mayo Clinic in Arizona means the service, featuring a portable, self-propelled robot, has begun in southern Nevada. This service will compliment and augment the already robust certified stroke centers at all three campuses and Dignity Health is the first to partner with Mayo on this project in Nevada. In telestroke care, the use of a telestroke robot located in a hospital lets a stroke patient be seen in real time by a neurology specialist at Mayo Clinic located in Phoenix. The Mayo stroke neurologist, whose face appears on the screen of the robot, consults with emergency room physicians at the sites and evaluates the patient. Mayo Clinic was the first medical center in Arizona to do pioneering clinical research to study telemedicine as a means of serving patients with a stroke, and today serves as the "hub" in a network of 16 other "spoke" centers, with most in Arizona.

—Please visit http://newsnetwork.mayoclinic.org/discussion/dignity-healthst-rose-dominican-adds-mayo-clinic-telestroke/#more-59022 to read more about this.

# **Gentex Demonstrates Aircrew Helmet Systems**

Gentex Corporation, together with its U.K. subsidiary, Helmet Integrated Systems (HISL), demonstrated their combined lines of Gentex and ALPHA aircrew helmet brands at the Avalon Air Show in February in Geelong, Australia. In July, 2014, Gentex acquired HISL to combine their product lines, technologies, and manufacturing resources to provide customers one of the most advanced, comprehensive lines of integrated helmet, respiratory, and communications systems in the market. Representatives from both companies were on hand to meet with customers and media throughout the show.

—Please see http://www.gentexcorp.com/news-events/news/gentex-corporation-demonstrates-more-robust-line-of-aircrew-helmet-systems-at-avalon-air-show for more about this.

#### **NIOSH Presents Hearing Loss Prevention Awards**

The National Institute for Occupational Safety and Health (NIOSH), in partnership with the National Hearing Conservation Association (NHCA), is pleased to announce the recipients of the 2015 Safe-in-Sound Excellence in Hearing Loss Prevention Awards™, honoring companies that have shown dedication to the prevention of noise-induced hearing loss through excellent hearing loss prevention practices in the work environment. The awards were presented at the 40th Annual Hearing Conservation Conference in February in New Orleans, LA. The first of the 2015 recipients of the Safe-in-Sound Excellence Award was United Technologies Corporation, a global company with over 210,000 employees throughout the world. They were recognized for including as one of its company-wide 2015 sustainability goals to "reduce employee exposure to noise and chemicals to levels so safe that wearing personal protective equipment is no longer mandatory...." and for the strategies used within the company to fulfill that goal. The second recipient of the Safein-Sound Excellence Award from the Manufacturing Sector are the employees of Mahrt Mill, of the MeadWestvaco Corporation. The Mahrt Mill Hearing Conservation Team developed and implemented engaging educational programs, provided two alternative types of hearing protection fit-testing of all plant personnel, selected a diverse assortment of effective general and specialty hearing protection devices for both work and recreational application, conducted high quality audiometric testing with professional review and employee follow-up. The award recipient presentations can be seen at http://www.safeinsound.us/winners.html.

—Please visit http://www.cdc.gov/niosh/updates/upd-02-19-15.html to read more about this.

# **Baxter Provides Update on Gene Therapy Program**

Baxter International Inc. recently provided an update on its gene therapy program, including progress on the Phase I/II open-label clinical trial assessing the safety and optimal dosing level of BAX 335, an investigational factor IX (FIX) gene therapy treatment for hemophilia B, during a sponsored symposium at the 8th Annual Congress of the European Association for Haemophilia and Allied Disorders (EAHAD) in Helsinki, Finland. The trial

is assessing the safety of ascending doses of BAX 335 to determine the optimal single dose in up to 16 adult patients with hemophilia B at treatment centers in the United States. The primary endpoint is the safety of a single dose of BAX 335 administered intravenously. Secondary endpoints include evaluation of the optimal dose to achieve stable therapeutic plasma FIX activity, as well as pharmacokinetics and immune response to treatment. Patients with hemophilia B lack the ability to produce clotting factor IX and are treated with plasma-derived or recombinant factor IX. BAX 335 is designed to provide a mechanism for the patient's own liver to begin producing factor IX over an extended period following a single dose of the genetically engineered treatment.

—Please see http://www.baxter.com/press\_room/press\_releases/2015/02\_12\_15\_bax355.html for more about this.

#### **AOPA Partners with Share Aviation**

AOPA has partnered with Share Aviation, a social network launched by four pilots that lets aviators, aircraft owners, and aviation enthusiasts share their experiences with the pilot community. In Share Aviation's first year, users have signed up from all 50 U.S. states and 27 countries; they've shared more than 3,000 aviation-related videos and 14,000 photos. AOPA partnered with Share Aviation because the two groups have common goals—to share the love of flight and to build a stronger and more connected aviation community. AOPA will share training videos from the Air Safety Institute, aviation news, and tools to help pilots start and keep flying.

—Please visit http://www.aopa.org/News-and-Video/All-News/2015/ February/19/Share-Aviation-AOPA-partner-to-connect-aviators-worldwide to read more about this.

### Air Canada Named Top Airline for Customer Loyalty

Air Canada has been named the leading airline in customer loyalty, according to Brand Keys 2015 Customer Loyalty Engagement Index (CLEI). The 19<sup>th</sup> annual survey, conducted by independent marketing research firm Brand Keys, measures a brand's ability to meet customers' expectations better than the competition. For the 2015 index, New York-based Brand Keys surveyed more than 36,000 U.S. and Canadian consumers, ages 18 to 65, and examined 540 brands in 64 categories to measure the degrees of loyalty that consumers exhibit toward their favorite brands. The award spoke to Air Canada's focus on engaging customers and their continuing investments in world class products and services. In addition, the ranking recognized their employees for their hard work and professionalism taking care of customers to earn their loyalty.

—Please see http://aircanada.mediaroom.com/index.php?s=43&item=856 for more on this award.

### **Corporate News Bites**

InoMedic: InoMedic's ecological team can be seen at work surveying eagles at NASA Johnson Space Center in a video on YouTube. Please visit https://www.youtube.com/watch?v=bxcaCcLhaVI&feature=youtu.be to watch the video.

ETC: Environmental Tectonics Corporation's (ETC's) NASTAR Center in Southampton, PA, has developed an upset prevention and recovery training course for pilots. This course is discussed in an article on pilot stress. To read more, please visit http://www.etcusa.com/etc-newsletter/the-social-effects-of-stress-considerations-for-upset-prevention-and-recovery-training/.

**David Clark:** The David Clark Co. has announced new additions to their line of Pro Audio headsets as well as the addition of computer headsets. For more on these, please visit http://www.davidclarkcompany.com/two-way/news.php?newsid=68.

AMAS: Aviation Medicine Advisory Service (AMAS) recently announced new clients and mentioned Dr. Quay Snyder, an AsMA member and President & CEO of AMAS, presenting results of 2014 Fitness for Duty efforts at the NBAA Annual Risk Assessment Strategy Meeting in San Diego in January. To see more about these, please visit https://www.aviationmedicine.com/amas-notams/latest-amas-news/.

**UTMB:** Dr. Castleberry, an assistant professor of aerospace medicine at the University of Texas Medical Branch (UTMB), was recently quoted in an article about the unique health risks space tourists face. To see the press release, please go to http://pmch.utmb.edu/about/news/2014/12/04/space-tourists-face-unique-health-risks.

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#### **VISIT US ON SOCIAL MEDIA!**

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# NSBRI First Award Fellowship Program Now Open

The application period for the National Space Biomedical Research Institute's (NSBRI) First Award Fellowship Program is now open. One-year fellowships are available to pursue research in any U.S. laboratory conducting space-related biomedical or biotechnological research. NSBRI's First Award Fellowship Program allows future space life scientists, engineers, and physicians to train as independent investigators with one year of support at universities, research institutes, government laboratories, or commercial entities nationwide.

Fellowships enable young scientists to manage their own space-related biomedical research projects while continuing to learn from experienced faculty mentors. The program serves as a mechanism to strengthen the high-tech workforce of the future, with alumni of the program having successfully transitioned into positions within academia, industry, or government.

Applicants are required to submit proposals with the support of a mentor and an institution, and all proposals will be evaluated by a scientific peer-review panel. Selected applicants receive a stipend, allowance for health insurance, and travel funds for related scientific meetings. This year's applicants can potentially spend part of their fellowship in Russia, via the NSBRI-Institute of Biomedical Problems (IBMP) International Postdoctoral Exchange Program.

Detailed program and application submission information is available at: www.nsbri.org/FUNDING-OPPORTUNITIES/Current-Announcements/. The application deadline is June 5, 2015 at 5 p.m. EST. Questions may be directed to Dr. Amanda Smith Hackler at hackler@bcm.edu or 713-798-3013. For additional information about NSBRI's First Award Fellowship Program please visit: http://www.nsbri.org/firstaward/.

NSBRI is a 501(c)3 organization funded by NASA. Its mission is to lead a national program to mitigate the health risks related to human spaceflight and to apply the discoveries to improve life on Earth. Annually, the Institute's science, technology, and education projects take place at approximately 60 institutions and companies across the United States. For more information, please visit www.nsbri.org.

#### **Future AsMA Annual Scientific Meetings**

May 10-14, 2015 Walt Disney World Dolphin Resort Lake Buena Vista, FL

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

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

#### **UPCOMING CALLS FOR PAPERS**

**July 1-3, 2015;** XXVIII National Congress of AIMAS; Expo-Fiera Milano, Milan, Italy. Deadline for abstract submission is April 15, 2015. For more information, please visit www.aimas.it or contact Maj. Paola Verde, segreteria@aimas.it.

**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.

#### MEETINGS CALENDAR

**4 March, 2015;** Aerospace Medicine Aspects of Sports and Recreational Flying symposium; Royal Aeronautical Society, London, UK. This symposium will examine the issues pertaining to a variety of sports and recreational activities involving flying. For more information, please visit http://www.aerosociety.com/ Events/Event-List/1786/Aerospace-Medicine-Aspects-of-Sports-and-Recreational-Flying.

4 March, 2015; Stewart Named Lecture: From Take-Off to Final Destination – A History of Aviation Pathology; Royal Aeronautical Society, London, UK. In this lecture Wg. Cdr. Graeme Maidment, Head of the Aviation Pathology Department at the Royal Air Force, will present a historical perspective on the development of aviation pathology in the UK. For more information, please visit http://www.aerosociety.com/Events/Event-List/1787/Stewart-Named-Lecture-From-TakeOff-to-Final-Destination-A-History-of-Aviation-Pathology.

**March 23-25, 2015;** ICAO Remotely Piloted Aircraft Systems (RPAS) Symposium; ICAO Headquarters, Montreal, Canada. For more information, please visit http://www.icao.int/meetings/rpas/Pages/default.aspx.

May 3-6, 2015; the American Occupational Health Conference (AOHC 2015); Baltimore, MD. For more information, please visit http://www.acoem.org/aohc.aspx.

**May 13-14, 2015;** 60th Annual Business Aviation Safety Summit (BASS) 2015; Bonaventure Resort and Spa, Weston, FL. For more information, please visit http://flightsafety.org/aviation-safetyseminars.

**May 30-June 2, 2015;** Flying Physicians 61st Association Annual Meeting; Dartmouth Hanover Inn, Hanover, NH. Please visit http://www.fpadrs.org/event-1714863 to learn more.

**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; sponsored by the Fédération Aéronautique Internationale, Lausanne, Switzerland. This symposium is being held as part of the FAI World Air Games Dubai 2015 from Dec. 1-12. For more information, please see the preliminary announcement at http://www.asma.org/asma/media/asma/pdf-meetings/Other%20Meetings/cimp\_symposium\_announcement.pdf.

# **Read Current News Online!**

Don't forget to visit the AsMA News, Industry News, and Member News pages online. They are updated regularly.

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