



# Ever Upward: December 2015

## Cowl Becomes CAMA President

Clayton T. Cowl, M.D., M.S., is the new President of the Civil Aviation Medical Association (CAMA). A fellow of CAMA and the Aerospace Medical Association, and an academician of the International Academy of Aerospace Medicine, he assumed control as the organization's 47th president at its annual scientific and educational meeting in October in Ft. Worth, TX. A native of rural southwest Washington state, Dr. Cowl attended Pacific Lutheran University in Tacoma, where he was awarded his Bachelor of Science degree. He then went on to attend Northwestern University Medical School in Chicago before completing an Internal Medicine residency at the University of Iowa



Hospitals & Clinics in Iowa City, where he also completed his Master's Degree in Preventive Medicine and Environmental Health. He completed a residency at Iowa in Occupational Medicine and Toxicology before completing a fellowship in Pulmonary and Critical Care Medicine at the Mayo Clinic in Rochester, MN, in 1999. He currently serves as Chair of the Division of Preventive, Occupational and Aerospace Medicine at the Mayo Clinic.

Research interests include altitude physiology research at Mayo's Hyperbaric and Altitude Medicine facility as well as epidemiologic studies focused on crew resource management and other forms of aeronautical crash data such as lighter-than-air aircraft. He has authored dozens of peer-reviewed manuscripts and also served as editor of several books. He is a past recipient of the Audie Davis Award of CAMA and a winner of the Mayo Clinic Department of Medicine Laureate Award.

## Scarpa Interviewed by Rutgers Magazine

Philip J. Scarpa, Jr., M.D., M.S., immediate Past President and a Fellow of the Aerospace Medical Association (AsMA), was recently interviewed by *Rutgers Magazine*. The article introduces AsMA and talks about the Association's work advocating for pilots, astronauts, deep sea divers, and others working in extreme environments. They then ask Dr. Scarpa, who is currently the deputy chief medical officer of the Aerospace Medicine and Occupational Health Branch at NASA Kennedy Space Center in Orlando, FL, about AsMA in general, the forces and dangers encountered in air & space travel and underwater, and what AsMA deals with. To read the complete article, please see <http://magazine.rutgers.edu/health-matters/stress-tests-0>.

## News of Members

On the 30th September 2015, **Col. Med. Francisco Rios Tejada** was appointed the new Chief Medical Officer of the Spanish Civil Aviation



Authority (AESA). Last June, after 37 years of active duty, Col. Tejada entered the Reserves. He completed his Aerospace Medicine Residency training, which included a year of training (AAMIMO) in the USAF at the School of Aviation Medicine in San Antonio, TX, in 1986. He is a Board specialist in Respiriology and also holds a Fellowship in Hyperbaric Medicine at the School of Aerospace Medicine. He has held several positions at the Spanish Air Force Aeromedical Center (CIMA), such as Chief of the Education Branch, Head of the Department of Aviation Medicine, and, for the last 3 years, he has been Director of the Center. He was a Panel Member of the NATO Science and Technology Organization until he entered reserve status. He is a Fellow of the Aerospace Medical Association and an Academician of the International Academy of Aviation and Space Medicine.

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## New Members

Batliwala, Shehzad, Westworth Village, TX  
 Brubaker, Justin N., B.S., AAF, APO AE  
 Faris, Hunter J., ENS, USN, Kansas City, MO  
 Jurblum, Marc I., Dr., Fitzroy, Melbourne, Australia  
 Kjeserus, Jon Arild, Oslo, Norway  
 Laskoski, Kelly C., B.S., M.D., Capt., USAF, Lackland AFB, TX  
 Milner, Michelle R., Lt. Col., USAF, Wright-Patterson AFB, OH  
 Mirhaodari, Gabriel, B.S., Ravenna, OH  
 Monseur, Brent, Richmond, VA  
 Parker, L. Joseph, M.D., Capt., USAF, Texarkana, AR  
 Parmar, Prashant, Tulsa, OK  
 Rodahl, Anton, Dr., Hamredanden, Norway  
 Stone, Barbara M., Dr., Farnham, United Kingdom  
 Strand, Adam O., Capt., USAF, Altus AFB, OK  
 Strawbridge, Phillip A., Capt., USAF, FS, APO AP  
 Tejera, Victor Hugo, Dr., Bogota, Colombia

## In Memoriam: Israel Glazer

AsMA was saddened to learn of the passing of one of its long-time members, Israel Glazer, M.D., who twice served as a Vice President of the Association and was a Fellow. Dr. Glazer was born in Russia in 1919 and came with his parents to Israel—then Mandatory Palestine—at the age of 5. They settled in Tel Aviv and were amongst the original builders of the outskirts of the city. In fact, the house that they built still stands and he lived there his entire life. Many friends from the aviation medicine world visited him there.



Dr. Glazer went to school in Tel Aviv. Upon graduating high school he went to France to study, but with the outbreak of the Second World War he returned home and continued his studies in Biology at the Hebrew University, Jerusalem. Following graduation he went on to study medicine in the American University in Beirut. In 1947 he attended Beth Israel in New York to study allergology, returning to Israel to work at Tel Hashomer Hospital.

Dr. Glazer was appointed the first Medical Officer of the Civil Aviation Administration (Israel) and established and chaired the first non-military Aircrew Medical Board in 1956 at the Tel Hashomer Hospital (later called Sheba Medical Center). In 1958 he joined El Al Israel Airlines, as the airline physician, building the aeromedical department from scratch. From then onwards he was a central figure in the aerospace medicine community in Israel.

As the Senior Medical Officer of El Al Israel Airlines, Dr. Glazer became an active member of AsMA in 1958 and a Fellow in 1972. Dr. Glazer was one of the founders of the Israel Aerospace Medical Society (an affiliate of AsMA) and served as its President for many years. He was elected to the International Academy of Aviation and Space Medicine in 1969, and was Council Member and Vice President. He organized the International Congress of Aviation and Space Medicine (ICASM) in 1972 in Tel Aviv, and was President of the ICASM in 1996 in Jerusalem.

Dr. Glazer had been an active member of AMDA since 1962 and was President in 1992. He was on the Medical Committee of the International Air Transport Association (IATA) and later a Charter Member of the International Airlines Medical Advisory Council (IAMAC) and Chairman. Throughout his medical career, he promoted international aerospace medical cooperation and the interchange of ideas, particularly those pertaining to airline medical affairs. He made a major contribution to international aerospace medicine and in recognition thereof he received the 1983 Howard K. Edwards Award for outstanding practice of clinical aviation medicine, promotion of health, and prevention of disease in professional pilots and was awarded the Won Chuel Kay Award in 2004 by the Aerospace Medical Association. He was a Senior Aviation Medical Examiner for the CAA (Israel), FAA, United Kingdom, and Canada, an honorary Member of the Aerospace Medical Association of Korea, and a Member of the International Society of Travel Medicine.

See *Obituaries*, p. N65

Send information for publication in this newsletter to: Journal Department, AsMA; [rtrigg@asma.org](mailto:rtrigg@asma.org)

### In Memoriam: Jean Lavernhe, M.D.

AsMA was saddened to hear of the death of Jean Lavernhe, M.D. Born in France, Dr. Lavernhe specialized in Internal Medicine at the Val de Grâce Military Hospital in Paris. He then earned a Diploma in Occupational Medicine at the University of Paris in 1960 and his Doctor of Medicine at the University of Lyon in 1951. During that same year, he trained in Aviation Medicine. He also took French Air Force Aviation Medicine training in 1952 at the Centre d'Etudes et de Médecine Aéronautique in Paris. He then joined the French Air Force as a flight surgeon.



In 1960 he joined Air France as Medical Officer and was promoted to Head of the Flight Personnel Medical Service in 1965. He then became Vice President of Medical Services at Air France in 1981. He began teaching Clinical Aviation Medicine at the Universities of Paris and Tours in 1973 and 1977, respectively.

Dr. Lavernhe was a member of the French Civil Aviation Medical Board, a Past President of the French Society of Aviation and Space Medicine, a member of the IATA Medical Advisory Committee and a later an IATA Medical Advisor, and President of the 38<sup>th</sup> International Congress of Aviation and Space Medicine, which took place in Paris in September 1990. He was also a member of the International Academy of Aviation and Space Medicine, where he also served as Deputy Secretary General and President. He was a Past President of the Airline Medical Directors Association and a member of the European Airline Medical Directors Society. He became a member of the Aerospace Medical Association (AsMA) in 1962 and became an AsMA Fellow in 1971. Within AsMA, he served as a Vice President and a member of the Scientific Program, Awards, International Activities, Membership, Constitution & By-Laws, and Air Transport Medicine Committees.

Dr. Lavernhe's awards include the 1978 Howard K. Edwards Award and the 1992 Theodore C. Lyster Award, both from AsMA. He also was made a Chevalier in the French "Légion d'Honneur" in 1984. He wrote more than 120 papers, mainly devoted to clinical aviation medicine and airline pilot medical examinations, and presented 13 papers at AsMA's annual scientific meetings.

### Obituary: CAPT Garry L. Holtzman

The Aerospace Medical Association (AsMA) was saddened to learn of the passing of CAPT Garry L. Holtzman, MC, USN (Ret.). He was a Fellow of the Aerospace Medical Association and a Past President of the Society of U.S. Naval Flight Surgeons. He graduated in 1966 from the University of Pennsylvania's School of Medicine and then served a rotating internship in York, PA, after which he entered general practice. He completed Navy flight surgeon training after being called into service, served a tour with a fleet readiness squadron at NAS Miramar, and served as Senior Flight Surgeon with the carrier air wing deployed to the western Pacific aboard the USS *Constellation*. He subsequently completed psychiatric residency training at the National Naval Medical Center in Bethesda, MD. He served in a variety of assignments in the Navy, including Head of Psychiatry Branch at the Naval Aerospace Medicine Institute in Pensacola, FL, Senior Medical Officer aboard the USS *Dwight D. Eisenhower*, Head of the Psychiatry Department at the Portsmouth Naval Hospital, and Medical Career Development Officer in the Naval Medical Command, where he played a central part in the publication of the first Navy Medical Department Officer Career Guide. He was a Diplomate of the American Board of Psychiatry and Neurology and a Charter Member of the Society of U.S. Naval Flight Surgeons.



## NEWS OF CORPORATE MEMBERS

### Lukos Is Newest Corporate Member

Lukos LLC is the Aerospace Medical Association's (AsMA's) newest Corporate & Sustaining Member. They deliver professional services, including support to acquisition programs, technical and engineering advice, training and operations support, logistics planning, and healthcare advice, to the Federal Government. They are located in Tampa, FL, and are a small, service-disabled veteran-owned business. The company name comes from the Greek word for 'wolf', an animal known for cunning, patience, and teamwork, which the company feels fits their approach to national security. For more information about AsMA's newest Corporate & Sustaining Member, please visit their web site at <http://lukos.com>.

### AOPA Working to Clear Up ATP Knowledge Test Confusion

AOPA is working with the FAA to clear up any confusion over rules governing the airline transport pilot (ATP) airplane knowledge test. According to FAA regulations, anyone who passed the ATP knowledge test before Aug. 1, 2014, can use the results to subsequently take the multiengine ATP check ride as long as the check ride is taken within 24 calendar months of the knowledge test. Questions have been raised in the field by AOPA members who wanted to use that knowledge test to first satisfy the requirements for the ATP single-engine airplane practical exam and then to also satisfy the requirements for the ATP multiengine airplane exam. Effective Aug. 1, 2014, pilots are required to complete training from an FAA-approved ATP certification training program to be eligible to take the multiengine airplane ATP knowledge test. Pilots who took the ATP airplane knowledge test prior to that date may still use those test results for both the single-engine airplane ATP practical test and the multiengine airplane practical test provided they are within the 24-calendar month window. However, a pilot will need to request a replacement knowledge test result from the FAA prior to the second practical test.

—Please see <http://www.aopa.org/News-and-Video/All-News/2015/November/05/AOPA-working-with-FAA-to-clear-up-confusion-over-ATP-airplane-knowledge-tests> for more on this.

**Want to see your company's news here?** Become a Corporate & Sustaining Member. See <http://www.asma.org/for-corporations> for details.

### ALPA Convenes Discussion on Safety in the Air Cargo Industry

The Air Line Pilots Association, Int'l (ALPA), gathered industry experts from across aviation's all-cargo sector for a rare, in-depth discussion about the best ways improve safety and security for this vital segment of the transportation industry. ALPA's First Vice President and National Safety Coordinator, the FAA Administrator, and the National Transportation Safety Board Chairman joined ALPA leaders, experienced pilots, and other industry experts for discussions on collaborative and innovative efforts to increase cargo safety and productivity. Panel discussions focused on important issues facing the air cargo industry today. ALPA plans to continue to work with various stakeholders to mitigate risks for pilots as well as make improvements to this important industry.

—Please visit <http://www.alpa.org/news-and-events/news-room/2015-11-05-air-cargo-symposium-safety-productivity> to find out more about this.

### Air Canada Named a Top Employer

Air Canada has been recognized for the third consecutive year as one of "Canada's Top 100 Employers" in an annual employer survey by Mediacorp Canada Inc. The national competition for 2016 recognizes employers with exceptional human resources programs and forward-thinking workplace policies after editors conducted a detailed review of company operations and Human Resources practices, including a comparison of others in their industry and region. Mediacorp editors grade employers on eight criteria, which have remained consistent since the project began 16 years ago. The editors publish detailed reasons for selection and grades for these criteria, providing transparency in the choice of winners and a catalogue of best-practices for employers and job-seekers alike. In selecting Air Canada, Mediacorp cited a number of employee programs at the company, including the range of in-house training programs available from language, technical, and flight training to the company's formal online Air Canada University and the Air Canada Foundation's charitable work done with children.

—Please visit <http://aircanada.mediaroom.com/index.php?s=43&item=947> to read more about this.

See Corporates, p. N66

## Baxter Recognized for Sustainability

Baxter International Inc. has been recognized as a corporate sustainability leader for the 16th consecutive year as part of the Dow Jones Sustainability Index. The company also has advanced a variety of newly initiated corporate programs to provide young environmental scholars with practical experience, support crisis intervention and suicide prevention for young people, and offset greenhouse gas emissions associated with its air travel. Baxter is included in both the Dow Jones Sustainability World Index (DJSI World) and the Dow Jones Sustainability North America Index (DJSI North America)—one of only a handful of companies recognized each year since the Index was created in 1999. The DJSI tracks the financial performance of the leading sustainability-driven companies worldwide, enabling investors to integrate sustainability considerations into their portfolios. An important aspect of Baxter's work in sustainability has been building relationships, teaching, and learning from tomorrow's environmental leaders through corporate internships.

—Please see <http://www.baxter.com/news-media/newsroom/press-releases/2015/11-4-15-q3-sustainability.page> to read more about this.

## NIOSH-Designed Technology Can Reduce Workers' Exposure to Silica

Researchers at the National Institute for Occupational Safety and Health (NIOSH) have developed and tested a prototype called the "mini-baghouse" that can protect oil and gas extraction workers by effectively controlling silica dust at hydraulic fracturing worksites. Research on the mini-baghouse was presented in early November at the American Public Health Association's annual meeting in Chicago. Silica is a human carcinogen, and exposure to silica is known to cause silicosis, a disabling, non-reversible, and sometimes fatal lung disease. Exposure to respirable crystalline silica at oil and gas extraction sites is a documented risk to workers. The NIOSH mini-baghouse retrofit assembly was designed to control dust emissions from thief hatches on top of sand movers—a major source of silica dust. Working with private industry, NIOSH researchers field-tested the prototype, collecting nearly 200 air samples in 12 locations on and around a sand mover, both with and without the mini-baghouse. Results from the evaluation found that the mini-baghouse reduced the amount of airborne respirable crystalline silica by 79-99%.

—Please visit <http://www.cdc.gov/niosh/updates/upd-11-04-15.html> for more on this.

## Mayo Clinic's Health Care Network Joined by Guthrie

Guthrie and Mayo Clinic announced today that Guthrie has joined the Mayo Clinic Care Network, a national network of health care providers committed to better serving patients and their families through collaboration. Guthrie, the first health care organization based in Pennsylvania and New York to join the network, will be its 36th member. The formal agreement gives Guthrie access to the latest Mayo Clinic knowledge and promotes physician collaboration that complements local expertise. As a member of the Mayo Clinic Care Network, Guthrie will work with Mayo to share medical know-

edge and collaborate in ways that will benefit patients and their communities. Guthrie and other members of the Mayo Clinic Care Network remain independent, but share Mayo's commitment to improve the quality and delivery of health care.

—Please see <http://newsnetwork.mayoclinic.org/discussion/guthrie-joins-mayo-clinic-care-network/#more-75833> to learn more about this.

## SAA Implements Service Improvements

South African Airways (SAA) has taken corrective service delivery action for travel peace of mind over the festive season. The airline implemented a number of service delivery improvements at King Shaka International Airport in Durban following service delivery failure on 26 October where a number of customers were inconvenienced after flight SA334 from Cape Town, en route to Johannesburg diverted to Durban. The airline has identified factors that led to service delivery failures and has taken corrective action. In addition, SAA has made special preparations for unaccompanied minors and will again collaborate with Nal'ibali, SAA's literature development partner, which aims to inspire young people with the power of storytelling and reading. Those travelling with children, on domestic and regional routes, and young travellers on their own will, from early December onwards, be offered a specially developed magazine with children's stories, and fun literacy activities which promise to keep them mentally stimulated and entertained.

—Please visit <http://www.flysaa.com/us/en/flyingSAA/News/South-African-Airways-gears-for-smooth-travel-over-the-festive-season.html> to read more about this.

## United Airlines Earns Perfect Score on Equality Index

For the fifth year in a row, United Airlines notched a perfect 100 percent score on the Human Rights Campaign's annual Corporate Equality Index (CEI) and earned the label "Best Place to Work for LGBT Equality" by the prominent civil rights group. The CEI rates companies based on their workplace policies toward lesbian, gay, bisexual, and transgender employees. In order to receive a CEI score of 100 percent, companies must demonstrate a strong commitment to lesbian, gay, bisexual, and transgender (LGBT) related policies and practices. These include non-discrimination protections, domestic partner benefits, transgender-inclusive health care benefits, competency programs, and robust engagement with the LGBT community. The airline offers several programs that promote LGBT inclusion and awareness, and it sponsors internal business resource groups that celebrate employees' cultural differences, cultivate diverse talent, and contribute to the company's performance. United's LGBT business resource group, known as EQUAL, is one of the company's fastest growing and is expanding to several of the airline's hub cities.

—Please see <http://newsroom.united.com/2015-11-18-United-Airlines-Scores-5th-Consecutive-Perfect-Score-on-Leading-LGBT-Equality-Index> for more on this.

## Corporate News Bites

**David Clark:** The David Clark Co. recently announced a new Bluetooth headset. It is capable of 80 hours of use, including talking and streaming music. There is also an intercom app for work groups. Please see <http://www.davidclarkcompany.com/news.php?newsid=73> to read more about this.

**ETC:** Environmental Tectonics Corp. (ETC) announced the election of Vice Admiral Michael Malone, USN (Ret.), as the new Vice Chairman of the Board of Directors. Vice Admiral Malone has been on ETC's Board of Directors since 2012. Please visit <https://www.etcusa.com/etc-announces-the-appointment-of-michael-malone-as-vice-chairman-of-the-companys-board-of-directors/> for more on this.

**Gentex:** Gentex Corporation demonstrated their industry leading lines of Gentex, ALPHA, and Ops-Core helmet systems for air applications at the SAFE Symposium in early November. Featured was the HGU-56/P Rotary Wing Helmet System. Please see <http://www.gentexcorp.com/news-events/news/gentex-features-new-hgu-56-p-with-ops-core-rails-and-other-advances-in-rotary-wing-helmet-systems-at-safe-symposium> to learn more about this.

## Meeting Calendar

**December 3-5, 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 visit <http://www.worldairgames.aero/>.

## Future AsMA Annual Scientific Meetings

April 24-28, 2016: Harrah's Resort; Atlantic City, NJ  
April 29-May 4, 2017: Sheraton Denver Downtown; Denver, CO  
May 6-10, 2018; Hilton Anatole Hotel; Dallas, TX  
May 5-9, 2019; Rio All Suites Hotel; Las Vegas, NV

## Want more info on the annual meeting?

For info on travel to and sights in Atlantic City, please visit Helpful Links (<http://www.asma.org/annual-meetings/helpful-links>). For info on the meeting itself, please see the Schedule (<http://www.asma.org/annual-meetings/schedule>) and Registration (<http://www.asma.org/annual-meetings/registration>) pages.