



Ever Upward: November 2015

Moser Receives Prestigious Award

In early October, Royce Moser, Jr., M.D., M.P.H., a Fellow and Past President of the Aerospace Medical Association (AsMA), was one of the recipients of the Harvard T. H. Chan School of Public Health Alumni Award of Merit. This award is the highest honor the school can bestow on a graduate and recognizes a significant career in the field of public health. Dr. Moser is currently Professor Emeritus in the Department of Family and Preventive Medicine at the University of Utah School of Medicine. He is a Diplomate of the American Board of Preventive Medicine, certified in Aerospace Medicine. Within AsMA, he served as Parliamentarian on the Council, and also took part in the Scientific Program Committee. He is a past recipient of AsMA's Harry G. Moseley Award, the Theodore C. Lyster Award, and the Eric Liljencrantz Award.



safety issues for future exploratory missions, including ones to Mars. She had been a member of the Aerospace Medical Association since 2004. The online obituary can be read at http://www.claytonfuneralhomes.com/tribute/details/1256/Vasanta_Lakshmi_Putcha/obituary.html.

2015 SOUSAFFS Award Winners

The 2015 Society of U.S. Air Force Flight Surgeons (SOUSAFFS) Award Winners from this past May's SOUSAFFS Awards & Luncheon Meeting in Orlando, FL, are as follows:

- Malcolm Grow – Maj. Michael Frayser
- George E. Schafer – Col.(R) Andrew Marchiando
- Operational Flight Safety – Maj. Michael Brough
- Team Aerospace - Langley AFB
- Howard Unger – Col. Anthony Tvaryanas
- Olson-Wegner – Sr.A. Tyler Kuenzli, SSgt Kelsey Broome, MSgt Mary Issitt
- The Julian Ward Award - Sqn. Ldr. Peter D. Hodkinson

New Members

- Almasabi, Faris Saif, Dr., Dayton, OH
- Case, Craig, Davenport, IA
- De Muzio, Samuel Damin Carr, M.D., Sao Paulo, Brazil
- Einberg, Daniel T., ENS, USN, Columbia, SC
- Hansen, Jorgen Steen, Dr., Vejle Ost., Denmark
- Jensen, Joseph C., M.B.A., M.D., Little Rock, AR
- Kirk, Gregory L., M.D., Denver, CO
- McLaughlin, Christopher M., Capt., USAF, MC, Dayton, OH
- Recinos, Fernandez Jorge Rene, M.D., San Salvador, El Salvador
- Smith, John R., Capt., USAF, M.D., Hampton, VA
- Voldum-Clausen, Ole, Maj., RDAF, MC, Vojens, Denmark
- Woltring, Virginia, Ph.D., Houston, TX
- Zonies, David, M.D., Portland, OR

Obituary: Vasanta Lakshmi Putcha

AsMA was saddened to learn of the death of Vasanta Lakshmi Putcha, Ph.D. She was the Chief Pharmacologist at NASA Johnson Space Center and started as a post-doctoral fellow in 1982. She developed applications for astronaut healthcare in space and on Earth, and over time was awarded various grants, including by the National Institutes of Health and the National Space Biomedical Research Institute. Her contributions include significantly expanding our knowledge of the wide-ranging effects of space flight on humans, as well as resolving critical human health and



Kay Award--Lorenzo Vargas-Alfaro, M.D., FAsMA, was the recipient of the 2015 Won Chuel Kay Award. However, he was unable to attend the meeting. He is shown here, on the left, receiving the award from Cesar Gonzales Bustamante, M.D., on the right.

Read Current News Online! The AsMA News, Industry News, and Member News pages online are updated regularly. Use the form on the top right-hand side of the Members Only page to send in your news and let your fellow Members know what you're up to!

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

UPCOMING CALLS FOR PAPERS

May 13-18, 2016; American Thoracic Society International Conference (ATS 2016); San Francisco, CA. The ATS is accepting the submission of scientific and case report abstracts on all aspects of respiratory disease, critical care, and sleep medicine. **The deadline is Wednesday, Nov. 4, 2015, at 5 PM EST.** For more information, please see the [Call for Papers](#) or visit the [Call for Abstracts page](#) of the ATS website.

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Upcoming FAA AME Seminars

Dates	Location	Seminar Type
Nov. 20-22, 2015	St. Louis, MO	Refresher
Jan. 29-31, 2016	Houston, TX	Refresher
Mar. 21-25, 2016	Oklahoma City, OK	Basic
April 25-29, 2016	Atlantic City, NJ	AsMA

For more information on these or to register, please visit the FAA's AME Seminar page: http://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/seminar_schedule/.

PLEASE NOTE: The only FAA seminar AsMA takes registrations for is the one held in conjunction with our annual meeting in May.

Send information for publication in this newsletter to: Journal Department, AsMA; rtrigg@asma.org

NEWS OF CORPORATE MEMBERS

Air Canada Is Official Airline for 11 Symphony Orchestras

Air Canada has added Symphony Nova Scotia and the Calgary Philharmonic Orchestra to the roster of Canadian symphony orchestras it supports from coast to coast. The airline also announced new industry-leading policies of offering special care for carry-on musical instruments, the latest in a series of measures designed to ease its customers' travel experience. In addition to Symphony Nova Scotia and the Calgary Philharmonic Orchestra, Air Canada is proud to be official airline to: Orchestre Symphonique de Montreal, Toronto Symphony Orchestra, National Arts Centre Orchestra, Winnipeg Symphony Orchestra, Edmonton Symphony Orchestra, Vancouver Symphony Orchestra, as well as supporting the new generation of talent at the National Youth Orchestra of Canada. To accommodate carry-on instruments, Air Canada is allowing customers traveling with instruments as carry-ons to pre-board so that their instruments are close by. In addition, customers with carry-on instruments may purchase a seat for their instrument at 50% off.

—Please visit <http://aircanada.mediaroom.com/index.php?s=43&item=927> for more on this.

Baxter Announces FDA Clearance for Dialysis System

Baxter International Inc. recently announced the U.S. Food and Drug Administration (FDA) has granted 510(k) clearance for the AMIA automated peritoneal dialysis (APD) system with the Sharesource web-based remote connectivity platform to provide peritoneal dialysis (PD) for the treatment of end-stage renal disease (ESRD). The AMIA APD system is the only device cleared in the United States that incorporates patient-centric features such as voice guidance, a touchscreen control panel, and the Sharesource two-way connectivity platform. Sharesource allows physicians to more readily access their home patients' historical treatment data and deliver individual prescriptions remotely. The system also features advanced, animated graphics and automated step-by-step instructions, which were designed to increase the efficiency of home therapy training and administration for ESRD patients in the United States. The AMIA APD system was developed in collaboration with DEKA Research and Development Corporation (DEKA) to support home PD therapy patients with more intuitive device operation, while providing two-way, web-based remote connectivity with their physicians through Baxter's Sharesource platform.

—Please see http://www.baxter.com/news-media/newsroom/press-releases/2015/10_13_15_fda_clearance_amia_sharesource.page to read more about this.

NIOSH Releases Materials for Spanish-Speaking Immigrant Workers

The National Institute for Occupational Safety and Health (NIOSH) has released a series of illustrated communication products for organizations that serve Spanish-speaking immigrant workers. The family of products, entitled *Protéjase en el trabajo* (Protect yourself at work), encourages immigrant workers to seek help if they have a question about their workplace safety or health. NIOSH partnered with the Mexican Ministry of Foreign Affairs and their network of 50 consulates in the U.S. to create support for the *Protéjase* project and help workers act on the occupational safety and health information they receive through the materials. The multi-faceted project includes four brochures, five short videos, and two posters encouraging immigrant workers to know and exercise their rights to workplace safety and health. This project is part of NIOSH's mission to promote health equity and deliver occupational safety and health information to all segments of the U.S. workforce.

—Please visit <http://www.cdc.gov/niosh/updates/upd-9-15-15.html> for more on this story.

ETC Announces Issuance of Patent

Environmental Tectonics Corporation (ETC) recently announced that the U.S. Patent and Trademark Office has issued a noteworthy patent, U.S. Patent No. 9,138,366, which covers certain hyperbaric chambers with undercarriage gurney storage compartments, such as available on some of ETC's hyperbaric chambers. The storage compartment conveniently stows a patient's gurney under the chamber, freeing up floor space

around the chamber and the hyperbaric treatment area, while keeping the gurney close at hand for removal of the patient at the conclusion of the hyperbaric treatment. ETC's monoplace hyperbaric chambers also include software that controls, as well as records the treatment, allowing the operator to monitor the patient more easily, consistently, and accurately. Additionally, the chambers have pressure change technology that enhances patient comfort by reducing the incidence of barotrauma, ensuring more patients complete all their treatment sessions.

—Please see <https://www.etcusa.com/etcs-biomedical-systems-group-announces-issuance-of-patent-on-hyperbaric-chamber-gurney-garage/> to read more about this.

Essex Selected as Supplier for F-35 JSF Program

Essex has been selected as a supplier for the F-35 Joint Strike Fighter (JSF) produced by Lockheed Martin. The F-35 is a 5th generation fighter and variants of it will replace the A-10 and F-16 for the U.S. Air Force, the F/A-18 for the U.S. Navy, the F/A-18 and AV-8B Harrier for the U.S. Marine Corps, as well as a variety of fighters for 10 other countries. Essex received a contract for the design, development, and manufacture of both the sidestick and throttle grip. They are also supplying scavenge valves, which support optimum engine performance.

—Please visit http://essexindustries.com/news_view?nid=654 for more on this.

Gentex Acquires Aegisound

Gentex Corporation has completed the acquisition of Aegisound, LLC, a provider of products that improve hearing protection, safety, and communications in high noise environments. Gentex and Aegisound will combine their products, technologies, and manufacturing resources to provide customers with a comprehensive line of hearing and communications products. The addition also expands Gentex's contribution to the U.S. F-35 Joint Strike Fighter (JSF) program. Awarded the contract for the helmet system platform and respiratory protection system, Gentex, through Aegisound, will now also provide protective hearing and communication products to JSF ground crew.

—Please see <http://www.gentexcorp.com/news-events/news/gentex-corporation-acquires-aegisound> to read more about this.

Mayo Researchers Find Protein That May Predict End-Stage Kidney Disease

Mayo Clinic researchers in Rochester, MN, collaborated with the University of Mississippi Medical Center on a recent study, "Troponin T as a Predictor of End-Stage Renal Disease and All-Cause Death in African-American and Whites From Hypertensive Families." For the first time, this study identified the presence of a specific protein in the blood used to look for heart damage. This protein can be an early indicator of end-stage renal disease—and ultimately death—in people with hypertension, regardless of race or baseline kidney function. The study is published online and will be in the November issue of *Mayo Clinic Proceedings*. According to LaTonya Hickson, M.D., lead author on the study and a Nephrology and Hypertension physician at Mayo Clinic, an increased level of cardiac troponin T (cTnT) in the blood can be an early indicator of disease and can accurately identify patients who need intervention, regardless of race. Dr. Hickson says this is important, because, while previous studies have shown a higher incidence of death and kidney failure among African-Americans compared to whites, doctors now know that, regardless of race or baseline kidney function, having an elevated level of cTnT can be a warning of impending kidney failure and/or early death.

—Please visit <http://newsnetwork.mayoclinic.org/2015/10/19/study-finds-existence-of-specific-protein-in-the-blood-can-be-early-predictor-of-end-stage-kidney-disease-and-death-regardless-of-race-or-baseline-kidney-function/> for more on this.

SAA Again Wins 'Best African Airline' Award

South African Airways (SAA) has once again scooped the 'Best African Airline' Award at the Business Traveller Awards 2015. This is the ninth consecutive year that SAA has won the accolade, adding to a line-up of awards the airline received this year, including a 4-Star Airline Skytrax

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ranking for the 13th year in a row. The Business Traveller Awards, which were hosted by English writer, broadcaster, and actor Gyles Brandreth at London's Royal Garden Hotel, are voted for by readers of the magazine and are designed to reward products and services that the readers themselves value. Widely regarded as the market's benchmark for excellence, South Africa's national carrier beat competition from Kenya Airways, Ethiopian Airlines, and Egypt Air.

—Please see

http://www.flysaa.com/us/en/flyingSAA/News/South_African_Airways_once_again_scoops_xBest_African_Airlinex_Award.html to read more about this.

United Upcycles Banners into Eco-Friendly Travel Bags

More than 20 large banners that encouraged United Airlines customers to "Fly the Friendly Skies" at Chicago O'Hare are finding new life. The company worked with the Columbia College Chicago Department of Fashion Studies and the Re:new Project—a nonprofit that provides employment opportunities for refugee women—to transform the large fabric signs into 100 eco-friendly carry-on bags. United challenged the students at Columbia College to create a carry-on bag from the banner material that could: fit under an airplane seat (9"x10"x17"); be economical to make, yet attractive; and be durable and wearable. After United selected the winning designs, Re:new stepped in to produce the one-of-a-kind, hand-sewn bags featuring distinct skyline images from the airline's hub cities. Customers are now able to purchase these upcycled backpacks and duffel bags by visiting the United Shop at unitedshop.com. The proceeds will benefit Re:new and the Alto Mayo Forest Carbon Project in Northern Peru.

—Please visit <http://newsroom.united.com/2015-10-15-United-Airlines-Upcycles-the-Friendly-Skies-with-Eco-friendly-Travel-Bags> for more on this.

Wyle Awarded NASA's Health and Performance Contract

NASA has selected Wyle as for the Human Health and Performance Contract (HHPC). Under the terms of the contract, Wyle will support a broad range of human spaceflight activities, including fundamental and applied biomedical research; operational space medicine; occupational health and medicine at the Johnson Space Center and the White Sands Test Facility; management of clinical, biomedical, space food, and environmental laboratories; design, fabrication, testing, and operation of biomedical flight hardware; and payload and hardware integration with the International Space Station. HHPC is a single award, cost-plus-award-fee contract with indefinite-delivery, indefinite-quantity (IDIQ) task/delivery orders. The base period of performance is 5 years, starting October 1, 2015.

—Please see <http://www.wyle.com/content/NewsDescription.aspx?NewsItem80> to read more about this.

Meeting Calendar

November 2-4, 2015; 53rd Annual SAFE Symposium; Caribe Royale Hotel & Convention Center, Orlando, FL. Please visit <http://www.safeassociation.com/index.cfm/page/symposium-overview> for more information or to register.

November 2-4, 2015; International Air Safety Summit (IASS); Miami, FL. For more information, please visit <http://flightsafety.org/meeting/iass-2015>.

November 3-4, 2015; Injury Mechanism Analysis in Aerospace Accident Investigation Workshop; Civil Aerospace Medical Institute (CAMI) Auditorium, Mike Monroney Aeronautical Center, Oklahoma City, OK. For more information or to register, please visit http://www.faa.gov/data_research/research/med_humanfacs/aeromedical/aa_i_workshop/.

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

November 23-25, 2015; ICAO World Aviation Forum: Aviation Partnerships for Sustainable Development; ICAO Headquarters, Montreal, Quebec, Canada. For more information, please visit <http://www.icao.int/meetings/iwaf2015/Pages/default.aspx>.

Corporate News Bites

AOPA: The Aircraft Owners and Pilots Association (AOPA) has partnered with the Canadian Owners and Pilots Association to launch a survey to gauge the amount of GPS interference and number of outages pilots flying in both countries have experienced. As the FAA prepares to switch to a satellite-based NextGen air traffic control system, the two associations want to ensure that the new system has the capabilities that general aviation pilots need and that it is as resistant as possible to interference and outages. Please see <http://www.aopa.org/News-and-Video/All-News/2015/October/14/GA-groups-look-for-feedback-on-GPS-failures> to read more about this.

ALPA: The Air Line Pilots Association (ALPA) has issued a statement supporting the Department of Transportation's launch of a task force to streamline a registration process for unmanned aircraft systems (UAS). This is an issue that Capt. Tim Canoll, ALPA's President, testified in front of Congress about in early October. Please visit <http://www.alpa.org/news-and-events/news-room/2015-10-19-statement-dot-task-force-to-address-uas-registration> and <http://www.alpa.org/news-and-events/Blog/2015/10/07/stronger-uas-regulation> to find out more about this.

InoMedic: InoMedic is part of a joint venture, Integrated Mission Support Services, that has been awarded a 5-year contract by NASA for the Kennedy Environmental and Medical Contract. In addition, one of InoMedic's employees was honored with the 2015 Keep Brevard Beautiful Sustainability Award. Please visit <https://www.facebook.com/IHAMedical/posts/661617520642363> and <https://www.facebook.com/IHAMedical/photos/a.226324600838326.55205.109714139166040/662132920590823/?type=3> to find out more about these.

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.

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