



Ever Upward: April 2015

AsMA Slate of Officers Announced

At the direction of the AsMA President, Dr. Philip J. Scarpa, Jr., the 2015 AsMA Slate of Officers is being made available to AsMA members to review in advance of the AsMA Annual Business Meeting. According to the Aerospace Medical Association Bylaws (dated 13 May 2014), Article XI, Section 3., paragraph N. Nominating Committee, a slate of officers has been provided by the AsMA Nominating Committee for consideration during the AsMA Annual Business Meeting scheduled for Tuesday, May 12, 2015. The Annual Business Meeting will be conducted in the Walt Disney Dolphin Hotel, Northern Hemisphere A3/A4. If you will be attending the 86th Annual Scientific Meeting, please be sure to attend this business meeting and participate in the business of your Aerospace Medical Association. AsMA members can view the 2015 AsMA Slate of Officers by logging into the Members Only section of the website and selecting "AsMA Blast E-mails" from the menu on the left side of the webpage.

AMSRO Scholarship Winner Announced

Andrew Winnard, M.Sc, B.Sc, B.Sc, MCSP, received the 2015 AMSRO Scholarship. Andrew is a physical therapist doctoral student researching rehabilitation from lumbo-pelvic deconditioning in astronauts and bed rest participants at Northumbria University, Newcastle-Upon-Tyne, UK. Graduating Sheffield Hallam University, UK in 2007 with a Biomedical Science degree, he worked in the National Health Service before starting physical therapist training in 2008. During this period he was inspired to pursue a career in human spaceflight after watching astronaut Sunnita Williams aboard the space station say that there are opportunities to work in the space industry if you follow your dreams. He graduated with



a first class degree in physical therapy in 2011 followed by a Master's with distinction in applied physical therapy in 2013. Following his passion for space, these degrees included theses reviewing countermeasures for preventing musculoskeletal changes during spaceflight, studying an exercise device for rehabilitating lumbo-pelvic stability following chronic deconditioning, and a 5-month internship in Crew Medical Support at the European Astronaut Centre in Germany. During this internship, he investigated spaceflight induced gait changes and their assessment, presenting his findings at AsMA 2013, for which he was awarded the Space Medicine Association Scholarship to The Outstanding Student of Space Medicine 2013. He was then granted a scholarship to begin his current Ph.D. studies at Northumbria University, investigating a prototype European Space Agency (ESA) and Northumbria University device for rehabilitating lumbo-pelvic deconditioning. He proposed and is now undertaking a systematic review of countermeasure and rehabilitation interventions addressing lumbo-pelvic changes caused by microgravity with ESA and Cochrane Collaboration experts. Andrew advocates the pursuit of further reviews across additional physiological systems affected by microgravity with the aim of creating evidence based operational guidelines and the possibility of setting up an Aerospace Medicine Cochrane group.

Andrew gained an executive role in the UK Space Biomedicine Association in 2011, as conference lead, working with teams to implement the first and second UK Space Environments Conferences in Aberdeen, UK 2012 and the UK National Space Centre in 2013. He was elected Co-Chair of the association in 2013 helping lead the association to merge with similar organisations forming the UK Space Life and Biomedical Sciences Association launching in 2015. Working with the community of researchers in the UK who conduct research in Space Environments led to the formation of a UK Space Environments Community for which Andrew has been appointed one of the Coordinators. In this role he has been coordinating the creation of a UK Space Environments Association which aims to increase resource sharing and create an online marketplace for Space R&D applications. Andrew is now working with another conference team to launch this association at the UK Space Conference in July 2015. He was invited to attend the European Low Gravity Research

Association (ELGRA) symposium in Rome 2013 to help announce and lead the formation of a student ELGRA. Now established, Andrew sits on the Management Committee for SELGRA which has recently awarded travel grants to European students to present their work at conferences during 2015.

Andrew expects to complete his Ph.D. in 2016 and hopes to find further opportunities to work in human spaceflight and astronaut support. His other awards and honours include first prize in the ESA Space Medicine Workshop for Students 2011 and an ESA International Space Station Symposium Scholarship 2012.

Davis Scholarship Winners Announced

Alaina Brinley is one of three recipients of the Jeffrey R. Davis Endowed Scholarship. Dr. Brinley received a Bachelor of Arts in biology from



Kalamazoo College in 2007. She studied abroad in Nairobi, Kenya, working at an HIV clinic during her studies. As an undergraduate, Alaina worked in several fields including conservation biology, paleontology, spaceflight botany, and astrobiology. She completed the Space Life Sciences Training program at NASA Kennedy Space Center as well as a National Science Foundation Research Experience for Undergraduates at the SETI Institute/NASA Ames Research Center. Her work in spaceflight research and microbiology as an undergraduate led her to pursue research in a spaceflight field for graduate school. Alaina obtained her Ph.D. at the University of Texas Medical Branch (UTMB) in the department of Preventive Medicine and Public Health in 2012. Her research was completed in the Microbiology Laboratory at NASA Johnson Space Center where she studied the effect of a modeled spaceflight environment on Epstein-Barr virus reactivation. Alaina continues to be interested in spaceflight and infectious disease research and is currently attending UTMB to gain an M.D. She has completed research experiences in Kenya and Brazil which have perpetuated her interest in global health. In her spare time, Alaina is a private pilot, enjoys SCUBA diving, and works with the Johnson Space Center chapter of Engineers without Borders. After finishing medical school, she intends to practice emergency medicine and also pursue research in the development of biomedical technologies that can benefit remote communities on Earth and in space.

Dr. Benjamin Johansen is another of the three recipients of the Jeffrey R. Davis Endowed scholarship. He currently is a Resident of Aerospace



Medicine at the University of Texas Medical Branch. He received his B.A. degree from Brigham Young University and his D.O. degree from the Arizona School of Osteopathic Medicine at the Glendale, AZ campus of Midwestern University. Following graduation from medical school Dr. Johansen completed a residency in Internal Medicine at Banner Good Samaritan Medical Center in Phoenix, AZ. During his Internal Medicine residency, Dr. Johansen had the opportunity to work with AsMA member Jan Stepanek at the Mayo Clinic in Scottsdale, AZ. He helped set up the instruments used to measure changes in the arterial partial pressure of oxygen in hypoxic individuals when a mixture was CO₂ was added to inspired gas. Measurements in cognitive performance were also conducted with the aid of eye tracking software while participants completed reading exercises while breathing various oxygen CO₂ gas concentrations.

Dr. Johansen showed his interest in Aerospace Space Medicine early on by attending the Aerospace Medicine Association Annual Conference in 2010 as a third year medical student and again during residency in 2013. He completed the Introduction to Aerospace Medicine Short Course at the University of Texas Medical Branch in July of 2010. Since starting his Aerospace Medicine Residency he served as the Resident Medical Coordinator for the Wings Over Houston Air Show in charge of medical

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

support for approximately 90,000 spectators over the three-day event. Dr. Johansen grew up living on military bases overseas as a Department of Defense dependent. He continues to enjoy traveling to new countries with friends and family when given the opportunity.

Dr. Johansen is a member of the American Osteopathic Association, the American College of Physicians, the Aerospace Medicine Association, and the Aerospace Medicine Student and Resident Organization

Angela Criales-Vargas, M.D., is one of three 2015 recipients of the Jeffrey R. Davis Endowed Scholarship from AsMA. Dr. Criales-Vargas is from Bogotá Colombia, and studied at Fundación Universitaria San Martín,



graduating with Honors as an outstanding student in 2011 with a degree in medicine. Before graduating from medical school, she served two 6-month internships, one at Fundación Clínica Abood Shaio, and the other at Regional de Chiquinquirá Hospital. After graduation, she carried out her obligatory social service year at the military base located in La Macarena, Meta. There she had the opportunity to assist with aeromedical transfers and the evacuation of different patients to cities with more advanced health services, as well as attending to army and air force pilots. Later, she worked for almost 2 years in a hospital with patients for whom most of the pathologies being attended to were cardiovascular and neurological diseases. Currently she is on her second year of residency in aerospace medicine at the National University of Colombia and is working at Fundación Clínica Abood Shaio as an ER Family Doctor. During the second semester of 2015, she will be working in aviation and space physiology at the University of Texas Medical Branch, Galveston, TX, and will develop research projects at the Civil Aerospace Medical Institute of the Federal Aviation Administration, Oklahoma City, OK. She is also a current member of the Aerospace Medical Association, the Aerospace Medicine Student and Resident Organization, and the Iberoamerican Aerospace Medicine Association.

tending to army and air force pilots. Later, she worked for almost 2 years in a hospital with patients for whom most of the pathologies being attended to were cardiovascular and neurological diseases. Currently she is on her second year of residency in aerospace medicine at the National University of Colombia and is working at Fundación Clínica Abood Shaio as an ER Family Doctor. During the second semester of 2015, she will be working in aviation and space physiology at the University of Texas Medical Branch, Galveston, TX, and will develop research projects at the Civil Aerospace Medical Institute of the Federal Aviation Administration, Oklahoma City, OK. She is also a current member of the Aerospace Medical Association, the Aerospace Medicine Student and Resident Organization, and the Iberoamerican Aerospace Medicine Association.

IAASM Names New Award After Charles Berry

In October 2013, the International Academy of Aviation and Space Medicine (IAASM) established the Charles A. Berry Award. The award was envisioned to be given to an Academy member who emulates the example



of Dr. Berry's lifetime of contribution to Aerospace Medicine. The award was established to honor Charles A. Berry, M.D., M.P.H., for his outstanding contributions to the advancement of Aerospace Medicine as a clinician, teacher, lecturer, prolific author, administrator, research scientist, and media communicator, for his efforts to transfer the benefits of spaceflight to Earth medicine, for his personal dedication towards increased understanding among peoples of the world, and for his loyal devotion and service to the Academy since 1965.

The Charles A. Berry Award will be presented annually to a member of the International Academy of Aviation and Space Medicine who has made outstanding long-term personal contributions to the advancement of international Aerospace Medicine, Aerospace Medicine in general, and to the International Academy of Aviation and Space Medicine. Dr. Berry was informed of the award in his name and was invited to attend the International Congress of Aviation and Space Medicine in Mexico City, Mexico, in October 2014 to present the very first award. He was not informed of the winner. During the Mexico Congress, he inquired numerous times as to whom the recipient would be in order for him to prepare some remarks at the time of the award presentation, but he was never given the name. At the closing banquet of the Congress, Dr. Berry was asked to come forward to help present the award. After introductory remarks by the President, Dr. Daniel Lestage, the Secretary General, Dr. Claude Thibeault, came forward to announce the winner. When he proclaimed that Dr. Charles A. Berry was the first recipient, the look of surprise on Dr. Berry's face was priceless. He was completely astonished. Dr. Berry told the assembled that he was greatly honored and humbled to have an award named for him while he was still alive, and also shocked to be the first recipient of the award.

As noted in the award, Dr. Berry has a lifetime of contributions to the medical specialty of Aerospace Medicine, actually beginning when it was

known as Aviation Medicine. His career started in the U.S. Air Force in 1951 as a member of the first residency class in Aviation Medicine. He proceeded through a distinguished career in the Air Force, with an assignment to the National Aeronautics and Space Administration (NASA) selecting the first astronauts, then followed an even more distinguished career at NASA starting in 1962 with the Mercury Program, through Gemini, Apollo, the Skylab missions, and the Russian docking mission. In 1980, he became the first President of the University of Texas Health Science Center at Houston, in Houston, TX. He was also the President of the Aerospace Medical Association in 1969, the President of the American College of Preventive Medicine in 1972, and the President of the International Academy of Aviation and Space Medicine in 1973 and 1974. He has been in the active private practice of Aerospace Medicine as the President of Preventive & Aerospace Medicine Consultants in Houston, TX, since January 1982. He was nominated for the Nobel Prize in Medicine in 1979 and again in 1980. He continues to be active in the Academy, where he presented a paper at the International Congress of Aviation and Space Medicine in Jerusalem, Israel, in 2013, and will give a panel presentation at the Annual Scientific Meeting of the Aerospace Medical Association in Orlando, FL, in May of this year. Dr. Berry continues as an example for all of us, and is certainly deserving of this new award.

AsMA President Visits Italy

AsMA's President, **Philip J. Scarpa, Jr., M.D., M.S.**, was the keynote speaker at the National Scientific Day Conference hosted by the Italian Association of Aeronautical and Space Medicine (AIMAS) in Rome on 16 March 2015. He presented "The Effects on the Human Body to Space-flight." AIMAS is an affiliate organization of AsMA (www.aimas.it).



The photo shows Dr. Felice Strollo, Vice President of AIMAS, on the left and Dr. Philip J. Scarpa, Jr., President of AsMA, on the right.

New Members

Casey, Robert J., B.A., New Smyrna, FL
 Di Giacinto, Brian Joseph, B.S., Boing Springs, SC
 Fakhri, Bahaa, Capt., Baghdad, Iraq
 Hendrikson, Martin, D.O., Akron, OH
 Hutchinson, Mark R., M.B., B.S., BFPO, United Kingdom
 Kao, Jenny, Ms., Taipei, Taiwan
 Lee, Horace Y. W., Dr., Lantau Island, Hong Kong
 Lyke, Juliette D., LT, AMSO, San Diego, CA
 Maloney-White, Eileen A., Ms., Richmond, BC, Canada
 Richardson, Jeremy, M.B., Ch.B., Aberdeen, United Kingdom
 Shen, James T., Capt., USAF, FS, Clovis, NM
 Thacker, Todd A., D.O., The Colony, TX
 Vaught, Eric R., Dr., Pensacola, FL
 Young, Calum M., M.B., Ch.B., Tauranga, New Zealand

Read Current News Online!

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

Obituary Listings

Brian J. Lisher, M.B.B.S., D.Av.Med., a long-time member and Fellow of the Aerospace Medical Association, died in early March. He played a significant part in the early development of pressure breathing for acceleration protection while working at the Royal Air Force Institute of Aviation Medicine in Farnborough, UK. Until his recent retirement, he had been a Consultant in Aviation Medicine for the Royal Saudi Air Force.

Robert W. Rigg, M.D., died earlier this year. He was a long-time member and Fellow of AsMA who had served on the Arrangements Committee in the past. Born in Nebraska, Dr. Rigg earned a B.A. in 1954 at Colorado State University and an M.D. at the University of Colorado in 1958. He interned at St. Joseph's Hospital, Denver, CO, from 1958-1959. He later earned a degree in Ophthalmology from 1959-1962 at the Kresge Eye Institute, Detroit Receiving Hospital. He became an AME in 1962 and eventually became the FAA Regional Flight Surgeon for the Alaskan Region. He was certified by the American Board of Ophthalmology and was a Fellow of the American College of Surgeons.

Visit Us on Social Media!

Twitter: https://twitter.com/aero_med

Facebook: www.facebook.com/AerospaceMedicalAssociation

LinkedIn: [https://www.linkedin.com/company/2718542?trk=tyah&trkinfo=tarId:1404740611720,tas:Aerospace Medical,idx:1-1-1](https://www.linkedin.com/company/2718542?trk=tyah&trkinfo=tarId:1404740611720,tas:Aerospace%20Medical,idx:1-1-1)

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

NEWS OF CORPORATE MEMBERS

Monash University Newest Corporate Member

Monash University, located in Melbourne, Australia, is the Aerospace Medical Association's (AsMA's) most recent Corporate & Sustaining Member. Monash's Aviation Medicine Unit conducts a range of training and research activities in aviation medicine. The main emphasis of the Aviation Medicine Unit is on understanding the implications of exposure to the flight environment on human performance. As such, it is fundamentally concerned with health consequences in pilots, aircrew and aircraft passengers. The unit also conducts a wide range of research activities in aviation medicine and aerospace physiology, with an emphasis on the effects of altitude, G forces, spatial disorientation and motion sickness in both pilots and passengers. Research in these areas is designed to gain a better understanding of the human consequences of exposure to the flight environment, and ultimately to improve flight safety.

—To learn more about Monash University and their Aviation Medicine Unit, please visit <http://www.med.monash.edu.au/epidemiology/units-centres/avmed/>.

Air Canada to Carry Canada's Top Hockey Teams

Air Canada announced recently that it is the airline of choice for Canada's major professional hockey teams. Under 6-year agreements with six of Canada's best professional teams, the airline will provide air transportation through Air Canada Jetz, its in-house, all-Premium Class charter service operated by mainline Air Canada pilots and flight attendants. The 6-year agreements will begin at the start of the 2015–16 season and cover the Montreal Canadiens, the Ottawa Senators, the Toronto Maple Leafs, the Winnipeg Jets, the Calgary Flames, and the Vancouver Canucks. The service will be operated by Jetz, Air Canada's in-house charter carrier, which uses Airbus A319 aircraft.

—Please visit <http://aircanada.mediaroom.com/index.php?s=43&item=862> for more on this.

AOPA Presents Hartranft Award to Rep. Shuster

Aircraft Owners and Pilots Association (AOPA) President Mark Baker presented the 2014 Joseph B. Hartranft Award to Rep. Bill Shuster (R-Pa.), a member of the House General Aviation Caucus and chair of the Transportation and Infrastructure Committee, in March on Capitol Hill. Rep. Shuster was given the award because he is a strong supporter of general aviation and an AOPA ally in Congress. The Hartranft Award, one of AOPA's highest honors, is presented annually to an elected or appointed government official who has made significant contributions to the advancement of general aviation. It is named after AOPA's first president and former chairman of the board, "Doc" Hartranft.

—Please see <http://www.aopa.org/News-and-Video/All-News/2015/March/19/AOPA-presents-Hartranft-Award-to-Rep-Shuster> to read more.

ETC Delivers Fire Scenarios to the Netherlands

Environmental Tectonics Corporation's (ETC's) Simulation Division, located in Orlando, FL, has delivered new wildland fire simulation scenarios to the Netherlands Institute for Safety (IFV), including four different types of vegetation. The forest fire training scenarios are an expansion to their existing Advanced Disaster Management Simulator (ADMS™). The simulation features tested vegetation burn rates calculated using existing fuel models that have been researched and validated by IFV, including comparisons of test burns and naturally occurring wildfires. The fire spread characteristics are also affected by varying wind speed and direction. The vegetation zones feature deciduous forests, pine forests, heather fields, and an area of mixed vegetation. In addition to the new wildland fire capabilities, new objects have been added to the SmartModel™ Library to add complexity within training exercises and provide responders with additional tools to mitigate a forest fire. The new objects include various houses that can be placed in the path of a fire or in neighboring areas, burned trees and vegetation, as well as plowed terrain fire break paths to control ground fires. Responders will also be able to call for aerial firefighting support by helicopters using water buckets to combat these fires.

—Please visit <https://www.etcusa.com/etc-simulation-delivers-advanced-wildland-fire-scenarios-to-the-netherlands-institute-for-safety/> to read more about this.

Baxter Announces Positive Results for BAX 817

Baxter International Inc. recently announced positive results from its Phase III clinical trial evaluating the safety and efficacy of BAX 817, an investigational recombinant factor VIIa (rFVIIa) treatment for people with hemophilia A or B who develop inhibitors. The prospective, open-label, randomized, multicenter trial was designed to assess the safety and efficacy of BAX 817 in male patients ages 12 to 65 with hemophilia A or B with inhibitors over a 6-month period using on-demand therapy. The trial met its primary endpoint of successful resolution of acute bleeding episodes at 12 hours with both on-demand treatment regimens, dosing either 3x90 µg/kg or 1x270 µg/kg, with an overall success rate of 92 percent (98 percent and 85 percent in each dosing group, respectively). Full data from the trial, including additional efficacy and safety outcomes, will be presented at a medical meeting later in 2015.

—Please visit http://www.baxter.com/press_room/press_releases/2015/03_13_15_bax817.html to read the press release.

NIOSH Announces New Western Divisions

The National Institute for Occupational Safety and Health (NIOSH) announced the formation of the Spokane Mining Research Division (SMRD) and the Western States Division (WSD), both new expansions to the NIOSH family. Approval from the Center for Disease Control and Prevention (CDC) and the Department of Health and Human Services (DHHS) allows

for the search for directors of the SMRD and WSD to begin while strategic development of the Divisions is underway. The SMRD is a new Division located at the NIOSH facility in Spokane, WA. With a focus on mining and oil & gas extraction, this Division will provide leadership for prevention of work-related illness, injury, and death in these extractive industries, with an emphasis on the special needs of these industries in the western United States. The WSD is a geographically diverse Division comprised of non-mining staff at the Spokane facility and NIOSH staff located at the Alaska-Pacific Office in Anchorage, AK, and at the Denver Western States Office in Denver, CO. This Division will conduct specific activities that provide evidence to reduce occupational safety and health hazards in the Western United States, including Alaska and Hawaii. Up until now, NIOSH has included amongst its research laboratories and offices the Spokane, WA facility, the Alaska Pacific Office in Anchorage, AK and the Western States Office in Denver, CO. The expansion to Division work allows for the increase of research, technical assistance, and leadership for the prevention of work-related illness, injury, and death specific to the unique aspects of industries in the western states.

—Please see <http://www.cdc.gov/niosh/updates/upd-03-13-15.html> to read more about this.

Gentex Demonstrates Aircrew Systems

Gentex Corporation, together with its authorized distributors Capewell Aerial Systems, Gibson & Barnes, Pro Flight Gear, and Transaero, Inc., demonstrated their industry leading line of aircrew helmet and respiratory systems, including both the Gentex and ALPHA brands, at the world's largest helicopter show, HAI Heli-Expo. During the expo, which ran from March 3rd through 5th in Orlando, FL, Gentex was featured on the Rotary Wing Show, a leading web-based podcast dedicated to helicopters, where they provided their views and advice on the benefits of helmets for helicopter pilots. Gentex's senior aircrew systems product specialist, Mark Jones, a 30-year U.S. Air Force flight equipment and training expert, was invited by the Rotary Wing Show to provide his expertise on the subject of helmets for helicopter aircrew.

—Please see <http://www.gentexcorp.com/news-events/news/gentex-corporation-joins-distributors-at-heli-expo-to-demonstrate-their-latest-advances-in-aircrew-systems> to read more about this.

Mayo Clinic Develops New Scoring System for Dementia

Researchers at Mayo Clinic developed a new scoring system to help determine which elderly people may be at a higher risk of developing the memory and thinking problems that can lead to dementia. The study is published in the March 18, 2015, online issue of *Neurology*, the medical journal of the American Academy of Neurology. The scoring system took into account factors that could be easily obtained from medical records, such as years of education, number of medications, history of stroke or diabetes, and smoking. Researchers also factored in information obtained at the clinic visit, such as a test of thinking abilities, symptoms of depression and anxiety, and slow gait. Factors were assigned a score based on how much they contributed to the risk of developing thinking problems. For example, being diagnosed with diabetes before age 75 increased the risk score by 14 points, while having 12 or fewer years of education increased the risk by two points. Variables such as age, diabetes, heart health risk factors, slow gait, and depression and anxiety disorders stand out as contributing most to the risk score.

—Please visit <http://newsnetwork.mayoclinic.org/discussion/is-it-dementia-or-just-normal-aging-new-tool-may-help-triage/> for more.

SAA Wins Cargo Airline of the Year Award

South African Airways (SAA) Cargo won another international award when they were named the African Cargo Airline of the Year for the STAT Times International Award for Excellence in Air Cargo, presented at a glittering Gala Award ceremony held at the Barnyard Theatre in Rivonia, north of Johannesburg. The STAT Times International Award for Excellence in Air Cargo is awarded every 2 years as part of the Air Cargo Africa event. The Award was instituted by the *STAT Trade Times*, an international transport media house based in India. The publication has been recognizing excellence in the air cargo industry since 2006, placing special emphasis on excellence in performance by air cargo operators.

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

Spectrum Aeromed Completes First of Four Installations

Spectrum Aeromed completed its first of four Agusta 109/119 equipment kit installations for TriState CareFlight. TriState CareFlight offers inter-facility fixed and rotor wing transports, and rotor wing EMS services (excluding maternal and neonatal patients) 24 hours a day, 7 days a week, 365 days a year. They operate out of Arizona serving Colorado, Nevada, and New Mexico. The equipment kit includes a left side load pivot system STC for the Agusta 109/119 helicopter approved in 2014. In addition to the pivot stretcher, Spectrum Aeromed also installed a base system with drawers, oxygen, and an electrical system in the cargo area that routes up to the cabin valances.

—Please visit <http://spectrum-aeromed.com/spectrum-aeromed-completes-first-four-agusta-109119-equipment-kits-installations-tristate-care-flight/> for more on this.

United Continues Partnership with NAHJ

United Airlines recently announced that it has renewed its partnership with the National Association of Hispanic Journalists (NAHJ) and will be the official airline of the organization's special events throughout 2015. The United-NAHJ partnership includes "Platinum" level sponsorship of NAHJ's participation in the 2015 Excellence in Journalism Conference, to be held Sept. 18-20 in Orlando, Fla., in conjunction with the Society of Professional Journalists and the Radio Television Digital News Association. United also will be title sponsor of a one-day conference on investigative journalism in Mexico City in October, and several local NAHJ chapter and regional events around the country throughout the year, including a Latinas in the Media conference at the City University of New York on March 28. United began its support of the NAHJ in 2006.

—Please see <http://newsroom.unitedcontinentalholdings.com/2015-03-19-United-Airlines-Continues-Partnership-with-National-Association-of-Hispanic-Journalists> to read more about this.

Corporate News Bites

ALPA: The Air Line Pilots Association (ALPA) released a statement commending the confirmations of Christopher Hart as the 13th chairman of the National Transportation Safety Board (NTSB) and Dr. T. Bella Dinh-Zarr as its newest member. To read the release, visit <http://www.alpa.org/Portals/Alpa/PressRoom/PressReleases/2015/03-12-15-15.04.htm>.

Anthem Epoch: Epoch Health recently celebrated the opening of a new clinic in Conway, AZ. The clinic is the state's first physician-run clinic model and will offer health screenings, treatments, and lifestyle modifications. For more, please see <http://www.epochmenshealth.com/epoch-news/epoch-health-opens-medical-clinic-in-conway>.

AMAS: Aviation Medicine Advisory Service (AMAS) recently presented at two conferences in March. The first was at the 26th Annual International Women in Aviation Conference, where a staff physician presented on "Hot Topics for FAA Medical Certification." The second was at the Air Charter Safety Foundation Safety Standdown, where AMAS's President & CEO gave a presentation on assessing personal flight safety and FAA medical certificate preservation. To see this news, visit <https://www.aviationmedicine.com/amas-notams/latest-amas-news/>.

Essex: Essex Industries displayed various systems at the Army Aviaton Mission Solutions Summit at the end of March in Nashville, TN. For more about this event, please visit http://essexindustries.com/news_events.

InoMedic: Several of InoMedic's employees were featured in *Florida Today* in an article about their work for the Bureau of Ocean Energy Management and the U.S. Navy. Visit their Facebook page for the photo and link to the story at <https://www.facebook.com/IHAMedical/posts/575577045913078>.

NeuroKinetics: NeuroKinetics has announced a new monthly radio show called "Optimize Your Brain ... Optimize Your Life." Each month a different health topic will be discussed. For more, please visit the news page at www.neurokinetics.com/newsletter/.

19 March 1965: First Successful Spacewalk by Leonov

March 19 was a special day in the history of space exploration. It was the day, 50 years ago, that Russian cosmonaut Alexey Leonov became the first person to walk in space. On 19 March 1965, Leonov exited from Russian spaceship Voskhod 2 and stayed out for a total of 23 min 41 sec, free-floating for 12 min 9 sec, which is the performance that the FAI ratified as a world record, in the "Extravehicular duration in space" category.

At that time, space exploration was still in its early days, and the technological achievement was extraordinary. But it wasn't as easy as reported in the record file: Leonov's exit was eventful, so much so that he had the utmost difficulty getting back inside the spacecraft. The nail-biting story of the first spacewalk is related in detail by Leonov himself in a special interview given to FAI for the 50th anniversary of his world record. It was arranged with the kind help of General Vladimir Ivanov, President of the Russian Federation of Aeronautical Sports.

The record file received by the FAI after completion of the mission consists of detailed technical information, beautiful pictures, and reports from Pavel Belyayev, Voskhod 2's commander, and Alexey Leonov. The latter document gives an account of Leonov's trip in space, but nowhere are the difficulties encountered re-entering the spaceship mentioned.

"While performing the experiment of leaving the spacecraft, working in outer space, and returning back as well as in the following flight I felt fine. I was completely sure of space suit high quality, and had no doubt about instruments and life support systems reliability."

Some conclusions: leaving the spacecraft for outer space is quite possible and is no longer mysterious; a man in a special space suit with a self-contained life support system may not only exist in space but also perform certain aimed and coordinated operations; it is possible to carry out some physical work, to make scientific observations in outer space.

Belyayev and Leonov, who blasted off on March 18 at 7am on Voskhod 2, landed safely back on Earth the next day.

Over the years, the FAI ratified many "Extravehicular duration in space records". It includes Neil Armstrong (2 h 31 min 40 sec) who set a record during the lunar landing in 1969. It is also worth mentioning Bruce McCandless as the first to have achieved an untethered spacewalk in 1984 during the Challenger mission.

To read the entire release and see related photos and links, please visit <http://www.fai.org/fai-slider-news/39338-1965-leonov>.

MEETINGS CALENDAR

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-safety-seminars>.

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

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>.

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.

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/symposium-overview>.