



## AsMA Constituent Organization Presidents for 2016-2017

### White Becomes the new AsHFA President

Col. Donald J. White, USAF (Ret.), FRAeS, FAsHFA, FAsMA, is the 2016-2017 President of the Aerospace Human



Factors Association (AsHFA). He retired June 2012 as Assistant for Aviation, Operational Safety and Human Performance, Office of the Deputy Under Secretary of Defense, Installations and Environment, Environmental Readiness and Safety. He is currently employed as a Human Systems Integration Analyst, Aerospace and Operational Physiologist, for Decypher Technologies, Ltd., at the 711

Human Performance Wing, Human Systems Integration Directorate, Wright-Patterson AFB, Dayton, OH. He entered the Air Force by direct commission in 1984 and completed the USAF School of Aerospace Medicine Aerospace Physiology officer training course in 1984. He is a High Altitude Low Opening and Static Line Master Parachutist with over 4,500 parachute deployments. As a human factors and human performance consultant, he has participated on 14 Class A Safety Investigation Boards, 2 Accident Investigation Boards, and 4 Medical Incident Investigation Boards. He was also selected as a human factors, crew survivability, and life science investigator for the Columbia Accident Investigation Board.

Col. White was inducted into the USAF Safety Hall of Fame in June 2012. He is a member of the Board of Directors of the Laurel Clark Crew Survival Foundation and has served as the Human Performance Integration, Human Factor Engineering and Crew Survivability Consultant for Paragon Space Development Corporation's Independent Review Board for the StratEx mission. He was also a Human Factors and Human Performance Integration Consultant for the STRATOS Red Bull mission. He served 5 years as the BSC Associate Corps Chief for Aerospace and Operational Physiology and has served as President, AsMA's Life Science and Biomedical Engineering Branch; Chairman, Board of Directors, Society of Human Performance in Extreme Environments; Past Chair, Aerospace Medical Association Associate Fellows Group; past President of the Aerospace Physiology Society, past Chair, AsMA Human Factors Committee, and current Member at Large, Aerospace Human Factors Association. He is honored to be a Fellow of the Aerospace Human Factors Association, the Royal Aeronautical Society, London, and the Aerospace Medical Association.

Col. White's decorations and awards include the Walter and Sylvia Goldenrath Award in 2015, the John Ernsting Award in 2013, and the Harry G. Moseley Award in 2005 from the Aerospace Medical Association, the Fred A. Hitchcock Award for Excellence in Aerospace Physiology in 2008 and the Wiley Post Award for Operational Physiology in 1998 from the Aerospace Physiology Society, the NASA

Group Achievement Award from the Columbia Accident Investigation Board in 2003, USAF Aerospace Physiologist of the Year and ACC Aerospace Physiologist of the Year in 1998, ACC Aerospace Physiologist of the Year in 1996, and AFMC Aerospace Physiologist of the Year in 1995. He is a member of the Interagency Institute for Federal Health Care Executives, and was an Adjunct Assistant Professor of Preventive Medicine/Biometrics at the Uniformed Services University of Health Sciences in Bethesda, MD, until his retirement in 2012.

### Sevilla Installed as President of AsPS

Nereyda Lucia Sevilla, M.P.H., Ph.D.(C), CASP, PMP, is the incoming President of the Aerospace Physiology Society (AsPS). She is the U.S. Air Force Human Performance Research Portfolio Manager and Chief of Air Force Clinical



Investigations. She works for the Air Force Surgeon General, Directorate for Modernization, Research and Development Division, Falls Church, VA. She is continuing her education as a Ph.D. student at George Mason University with a concentration in BioDefense.

Ms. Sevilla entered the Air Force in 1997 after attending the U.S. Air Force Academy. She was selected to

enter the Aerospace Physiology career field with an assignment at Holloman Air Force Base conducting centrifuge and altitude chamber training. She moved on to an Aerospace Physiology Management Fellowship in the Office of the Surgeon General that also offered her an opportunity to complete a Masters in Public Health with a concentration in biostatistics and epidemiology. The assignment also included reviewing and accepting international aerospace physiology programs, revisions of aerospace physiology specific Air Force Instructions, and coordination of Human Performance Training Team documentation and implementation. Further assignments included Chief of Human Performance Training Teams at Whiteman AFB, MO, and Kunsan AB and Osan AB, South Korea. As part of Team Aerospace, she worked closely with aerospace medicine, life support, wing safety, and other agencies to provide just-in-time human performance training needed to safely and effectively accomplish the missions. She separated from active duty in 2006, but continues her service to the Air Force as a civilian.

Ms. Sevilla has been a member of the Aerospace Medical Association (AsMA) since 1998 and is the treasurer for the Associate Fellows Group, of which she is a member. As part of AsMA, she has participated in the Nominating Committee, as a Poster and Panel Chair, and has presented numerous times.

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

## Orford Is Incoming AMDA President

Robert R. Orford, M.D., is the incoming President of the Airline Medical Directors Association. He earned a B.Sc. at McGill University in Montreal, Quebec, Canada, in 1968. He was awarded his M.D. degree, also from McGill University, in 1971. He received his M.S. in Medicine from the University of Minnesota, Mayo Graduate School of Medicine in Rochester, MN, in 1975, and his M.P.H. from the University of Washington in Seattle in 1976. He served an internship from 1971 to 1972 at St. Joseph's Hospital in London, Ontario, Canada, held a Fellowship in Internal Medicine at the Mayo Graduate School of Medicine from 1972-1975, and served a residency in Preventive Medicine at the University of Washington from 1975-1976.

In 1976, Dr. Orford accepted a position as Medical Officer at the Sarnia Division of Dow Chemical of Canada in Ontario. He left that position in 1977 to become Senior Medical Consultant at the Medical Service Branch of the Occupational Health and Safety Division of Alberta Labour in Edmonton, where he served until 1979. He then took a position as Director of the Medical Services Branch of Alberta Workers' Health, Safety and Compensation, also in Edmonton, where he served as Executive Director of Occupational Health Services from 1980-1984. In 1985, he became Deputy Minister of the Community Health Division of Alberta Social Services and Community Health, and then in 1986 the Deputy Minister of Community and Occupational Health. In 1988, he served as Director of Occupational Health Services for the University of Alberta Hospitals in Edmonton, and then, in 1989, became Special Clinical Fellow at the Mayo Clinic in Rochester, MN. He is currently an Assistant Professor at the Mayo Clinic of Medicine, an FAA Aviation Medical Examiner, and an Associate Professor at the University of Texas Medical Branch in Galveston.

Dr. Orford is a Fellow of the Royal College of Physicians and Surgeons of Canada, a Fellow and past Director of the Alberta Occupational Health Society, and a member of the Canadian Occupational Health Society, the American Occupational Health Society, the Occupational Medical Association of Alberta, the Occupational Medical Association of Canada, the Canadian Public Health Association, the American Public Health Association, the Canadian Society of Aviation Medicine, and the Canadian Medical Association. He was awarded a National Health Fellowship from Canada from 1975-1976 and is licensed by the state of Minnesota, the State of Washington, and the province of Alberta. He is a Diplomat of the National Board of Medical Examiners. He is also a Fellow of the Aerospace Medical Association, serves on

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its Scientific Program Committee, and was a recipient of the 2008 Boothby-Edwards Award.

## Storms Leads ASAMS

Colonel (Dr.) Patrick R. Storms is the incoming President for the American Society of Aerospace Medicine Specialists. He is currently Program Director for Aerospace Medicine Residency at the USAF School of Aerospace Medicine, Wright-Patterson AFB, OH. He precepts and mentors up to 21 residents in each year group. In addition to his duties as Program Director for the RAMs, he also serves as the Gastroenterology Consultant to the U.S. Air Force Surgeon General. In this role he provides advice and recommendations related to the practice of gastroenterology within the Air Force Medical Service, provides mentorship to 21 Air Force gastroenterologists, and collaborates with sister service Gastroenterology Consultants to provide guidance across the Department of Defense on issues pertinent to the career field.

Col. Storms entered the Air Force in 1995 through a direct commission. A 1978 graduate of Lamar University, he earned his M.D. from Baylor College of Medicine in 1981, followed by Internal Medicine residency training at Baylor University Medical Center in Dallas. He completed fellowship training in Gastroenterology at the University of Texas Southwestern Medical School and entered private practice in 1986. After 9 years in civilian practice, he entered the Air Force and assumed duties as a clinical gastroenterologist on the teaching staff at Wilford Hall Medical Center. After subsequent command and staff assignments, he entered the Aerospace Medicine Residency Program in 2002. Upon graduation from the RAM program, he took command of the 48<sup>th</sup> Aerospace Medicine Squadron at RAF Lakenheath, UK, and deployed twice while in that position: once as flight surgeon and Deputy EMEDS Commander at Kirkuk Air Base, Iraq, and then for a year as 332 EMDG Commander at Balad Air Base, Iraq.

Col. Storms is board certified in Internal Medicine, Gastroenterology, and Aerospace Medicine. He is a member of the American Medical Association, the American College of Preventive Medicine, the Society of USAF Flight Surgeons, the American Society for Gastrointestinal Endoscopy, and the Texas Society for Gastrointestinal Endoscopy. He is an Associate Fellow of AsMA, and has served on the Scientific Program Committee, and is on ASAM's Board of Governors since 2013. He has also been a reviewer for *Military Medicine*. His honors and awards include the Legion of Merit, the Bronze Star Medal, the Meritorious Service Medal with three

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oak leaf clusters, the Air Medal, the Iraqi Campaign Medal with one star, and two Awards of 'MF' Special Experience Identifier for Clinical Excellence in Aerospace Medicine.

**Hoffman Heads Society of NASA Flight Surgeons**

Thomas S. Hoffman, D.O., is the incoming President of the Society of NASA Flight Surgeons. In his "day job," he serves as the Defense POW/MIA Accounting Agency (DPAA) Surgeon on Joint Base Pearl Harbor-Hickam, HI. In this role, he is a senior advisor to the Agency Director and oversees medical operations in support of DPAA missions to austere locations around the world to provide the fullest possible accounting of missing personnel to the nation. He spent the summer of 2013/ 2014 on an adventure providing medical support in Antarctica.



Dr. Hoffman, a U.S. Naval Academy graduate, started his military career as a Naval Flight Officer flying reconnaissance missions. He then entered medical school and signed with the Air Force. His Air Force career included Flight Surgeon tours as flight commander at Edwards AFB, Medical Director for military forces in Saudi Arabia, and the DoD Surgeon for Human Space Flight Support at Patrick AFB, providing DoD medical contingency forces for NASA Human Space Flight operations. He was the 2005 Air Force Space Command Flight Surgeon of the Year. Since military retirement in 2009 he has worked as a NASA contract Aerospace Medicine Physician at Johnson Space Center, Star City, and Kennedy Space Center.

Dr. Hoffman is board certified in Family Medicine. He has provided flight medical support to NASA operations since his time at Edwards AFB (1996) and has been a member of the Society of NASA Flight Surgeons since 2005. He is an Associate Fellow of the Aerospace Medical Association and his awards include the Defense Meritorious Service Medal, a Joint Service Commendation, an Air Force Commendation, Air Force and Navy Achievement medals, and various operational unit and campaign service medals.

**York Is Incoming SoUSAFFS President**

Col. (Dr.) Robert R. York, Jr., is the incoming President for the Society of U.S. Air Force Flight Surgeons. He is currently the Branch Chief, Aerospace and Operational Medicine Division, Air Force Medical Operations Agency, Joint Base San Antonio, TX, where he directs Air Force execution of the Flight and Operational Medicine Programs, providing leadership and mentoring for over 450 active duty Aerospace Medicine Specialists and flight surgeons. As the Chief Aerospace Medicine Consultant, Col. York advises the Air Force Surgeon General on Operational Medicine issues, CONOPS, flight surgeon recruiting, accessions, and manning. Additionally, Col. York advises the AF Medical Corps Chief with AFSC utilization.

Col. York was commissioned into the Air Force Reserve Officer Training Corps in August 1996 after completing



graduate work in Cellular Biology and Molecular Genetics. He received his Doctorate of Medicine from the University of Nebraska Medical Center and entered active duty in June of 2000. He completed his residency in Family Practice from Offutt AFB, NE in 2003; Aerospace Medicine at Brooks City-Base, TX in 2008, and Occupational Medicine at Brooks City-Base, TX in 2009. He earned his Masters in Public Health at the Johns Hopkins Bloomberg School of Public Health, MD, with an emphasis in Toxicology and Chemical, Biological, and Nuclear Emergency Medical Response. He is certified in Disaster Preparedness and quadruple board certified in Family Practice, Aerospace Medicine, Occupational Medicine, and Certified Physician Executive.

Col. York has twice served as a Squadron Commander at the 325th Aerospace Medicine Squadron, Tyndall AFB, FL, and at the 51st Aerospace Medicine Squadron, Osan AB, Rep. of Korea. While at Osan AB, he also served as the Contingency Hospital Commander. He has been a Staff Physician, Element Chief Aeromedical Services, Deputy Chief of Hospital Services, and chairman of the Occupational Health Working Group at the 49th MDG, Holloman AFB, NM. He was also assigned to the 8th Fighter Squadron as the Squadron Medical Element, 49th Fighter Wing in 2005-2006. He has deployed to the Republic of Korea, Iraq in support of Operation Iraqi Freedom, Jamaica in support of humanitarian relief efforts, and Guantanamo Bay, Cuba.

Col. York's awards include the Nuclear Deterrence Operations Service Medal, the Air & Space Campaign Ribbon, the Korean Defense Service Medal, the Iraq Campaign Medal with bronze star, the National Defense Service Medal, an Outstanding Unit Award with Valor and five oak leaf clusters, the Air Force Achievement Medal with one oak leaf cluster, the Meritorious Service Medal with two oak leaf clusters, and the Malcolm C. Grow Flight Surgeon of the Year Award. He has also been Air Combat Command Flight Surgeon of the Year and a nominee for the USAF Julian E. Ward Award. He is a member of the American Academy of Family Physicians, the Uniformed Services Academy of Family Physicians, SoUSAFFS, and an Associate Fellow of the Aerospace Medical Association.

**Frieling Leads Space Medicine Association**

Michelle Frieling is the incoming President of the Space Medicine Association (SMA). She is currently the Operations



Group Manager for Wyle Science, Technology, and Engineering. An alumnus of Vanderbilt University, she holds a Bachelor of Science in Molecular Biology. She began her career as a researcher at the University of Virginia and M. D. Anderson Cancer Center, focusing on developing treatments for anaplastic thyroid carcinoma. Hired

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by Wyle in 1999, she has held positions of increasing levels of responsibility, with a focus in Space Medicine and operations. Starting as a flight controller focusing on medical operations for both the space shuttle and International Space Station programs, she moved into overseeing Space Medicine training operations, where she helped design and identify innovative training techniques for astronauts and ground crew. She used her expertise in human spaceflight operations to concentrate on the emerging commercial human spaceflight market. During that time, she co-chaired the Commercial Space Transportation Advisory Council (COMSTAC) Reusable Launch Vehicle (RLV) working group Task Force on Training. As a part of this task force, she helped author the Commercial Human Space Operations Training Standards. She has been actively involved in the Space Medicine Association and is a previous member-at-large within the organization.

### **Smyrski Takes Reins as AAvMA President**

COL John A. Smyrski III is the incoming President for the Army Aviation Medicine Association. He earned a Bachelor



of Science degree in Natural Science from Saint John's University, Collegeville, MN; a Master of Public Health degree from the University of Alabama at Birmingham, Birmingham, AL; a Master of Business Administration degree from Troy University, Dothan, AL; and a Medical Doctorate from the Uniformed Services University of the Health Sciences, Bethesda, MD. He is resi-

dency trained in Family Medicine and Aerospace Medicine and is also a graduate of the Aviation Officer Basic Course, Military Intelligence Officer Advanced Course, Intermediate Level Education, and Aviation Safety Officer Course. He is currently enrolled in the U.S. Army War College.

COL Smyrski enlisted in the Minnesota Army National Guard in 1982 and entered basic training at Fort Dix, NJ. He later graduated as a Distinguished Military Graduate from Saint John's University, Collegeville, MN, in 1985, where he was commissioned as a Second Lieutenant in the Aviation Branch. Following initial entry rotary wing flight training, COL Smyrski's assignments included serving as an OH-58A/C Aeroscout Pilot and Assistant Brigade S4, 82nd Combat Aviation Brigade, 82nd Airborne Division, Fort Bragg, NC; Platoon Leader and then Company Executive Officer, 282nd Aviation Battalion (Assault), Fort Bragg; Aeroscout Instructor Pilot, Flight Leader, and later Platoon Commander, 1-14th Aviation Regiment, Fort Rucker, AL; and OV-1D/RV-1D Mohawk pilot, Assistant Battalion S3, and finally Force Modernization Officer, 224th Military Intelligence Battalion (Aerial Exploitation), Hunter Army Airfield, Fort Stewart, GA. His Medical Corps experience includes assignments as Brigade Surgeon, 25th Combat Aviation Brigade, Wheeler AAF, Hawaii; Chief, Aviation Medicine Clinic, Schofield Barracks, Hawaii; Division Surgeon, 25th Infantry Division, Schofield Barracks; Assistant Chief and then Chief, Medical Corps Branch, U.S. Army

Human Resources Command, Fort Knox, KY; and Assistant Chief of Staff, Clinical Operations, Pacific Regional Medical Command, Honolulu, HI. He most recently served as Commander, U.S. Army Aeromedical Research Laboratory, Medical Research and Materiel Command, Fort Rucker, AL. He has deployed to Haiti, Afghanistan, and Iraq. He is currently Commander of the William Beaumont Army Medical Center, El Paso, TX.

COL Smyrski's awards and decorations include the Legion of Merit, Bronze Star Medal with one oak leaf cluster, Meritorious Service Medal with five oak leaf clusters, Air Medals (with numeral 2), Joint Service Commendation Medal, Army Commendation Medal (1 OLC), Army Achievement Medal with five oak leaf clusters, Armed Forces Expeditionary Medal, Iraqi and Afghanistan Campaign Medals, Humanitarian Service Medal, Military Outstanding Volunteer Service Medal, United Nations Medal, Expert Field Medical Badge, Combat Medical Badge, Master Aviator Badge, Master Flight Surgeon Badge, Naval Flight Surgeon Badge, Army Space Badge, Parachutist Badge, Air Assault Badge, and German Armed Forces Proficiency Badge (gold award). He is a member of the Order of Military Medical Merit, the Army Aviation Association of America (AAAA), the Order of Saint Michael (bronze award), and the Society of U.S. Army Flight Surgeons. He is also an Associate Fellow of the Aerospace Medical Association, a member of the Delta Omega Honorary Society in Public Health, and a two-time recipient (2004, 2014) of the AAAA Aviation Medicine Award for Flight Surgeon of the Year.

### **Toole Is Incoming President of SUSNFS**

CAPT Theron C. Toole, USN, MC, is the incoming President for the Society of U.S. Naval Flight Surgeons. He is a native of



Chicago, IL, and attended Howard University in Washington, DC. He received his Medical Degree from Meharry Medical College in Nashville, TN, in 1987 and was commissioned as a Lieutenant in the U.S. Navy Reserve in 1989. He completed Internal Medicine residency at Loyola University Medical Center, Maywood, IL, in 1990 and completed training in Cardiovascular Medicine at the

University of Texas Health Science Center, Houston, in 1993. He then completed Interventional Cardiology Fellowship at the University of Texas Health Science Center, San Antonio, in 1994.

During residency, CAPT Toole drilled in the Physician Reservist in Medical Universities Program (PRIMUS). In 1994, he reported to the Navy Aerospace Medical Institute, NAS Pensacola, where he completed training leading to designation as a Naval Flight Surgeon. He subsequently served with Marine Aircraft Group 41 at Naval Air Station JRB, Fort Worth. He then served as Group Surgeon for MAG 41 and was Commanding Officer of the Naval Reserve 4th Marine Aircraft Wing, Marine Aircraft Group 41, between October 1999 and September 2002. While a reserve officer, he was a partner in the Cardiology Clinic of San Antonio until 2004. He held an appointment as staff cardiologist at University of

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Texas Health Science Center, San Antonio, from 1994 to 2004. He was then assigned to Tactical Electronic Attack Squadron 209 at Naval Air Facility, Andrews prior to recall to active duty.

In August 2004, CAPT Toole was recalled to active duty for the Navy residency in Aerospace Medicine. He earned an MPH from The University of Texas Medical Branch, Galveston, in 2005. He was assigned as Senior Medical Officer on the USS *Ronald Reagan* (CVN 76) and as Strike Group Surgeon Commander, Carrier Strike Group Seven (CCSG7) from 2006 to 2009, completing two deployments in support of OEF. He then became the CCSG7 medical lead for Humanitarian Assistance Disaster Relief effort on Panay in the Philippines following typhoon Fengshen in 2008. In 2009, he reported to Naval Hospital Camp Pendleton, where he served as Department Head of Internal Medicine and as Chairman for the Executive Committee of Medical Staff. He deployed in 2010 to Haiti in support of Operation Unified Response as member of the Casualty Receiving Treatment augment onboard USS *Bataan* (LHD5). He reported to the 3d Marine Aircraft Wing in July 2012 and deployed to Afghanistan as Wing Surgeon 3d Marine Aircraft Wing (Forward).

CAPT Toole is a graduate of the U.S. Naval War College CDE command and staff college. He is qualified as a Surface Warfare Medical Department Officer and Fleet Marine Force Warfare Officer. His board certifications include Internal Medicine, Cardiovascular Medicine, Interventional Cardiology, and Aerospace/Preventive Medicine. He is a member of the American College of Physician Executives and has earned Certified Physician Executive (CPE) designation. He is a Fellow of the American College of Cardiology and an Associate Fellow of the Aerospace Medical Association. His awards include the Meritorious Service Medal with gold star, Air Medal with Strike/Flight numeral 2, Navy Marine Corps Commendation Medal, and various unit and service awards.

## Salicrup Continues as IAMFSP President

Carlos Salicrup, M.D., M.S., ATP, EMT-P, FAsMA, continues his second year as President of the International Association



of Military Flight Surgeon Pilots (IAMFSP). He is an experienced professional pilot with over 8000 hours of flying and is board certified by the Mexican Council of Aerospace Medicine and the National Academy of Medicine. He has served as a board member of the Mexican Space Agency, where he represented the Mexican national Academy of Medicine. He is a Professor and Associate Professor for aerospace medicine residency and diploma courses and an FAA and Transport Canada Aviation Medical Examiner. An Associate Fellow of the Aerospace Medical Association, he is also a member of ICAO's CAPSC, the Mexican Association of Aviation and Space Medicine, the Human Performance-Medical Committee of the International Federation of Airline Pilots Associations, the Space Medicine Association, the Iberoamerican Aerospace Medical Association, and the

Aerospace Human Factors Association. He was also the former Health & Safety and Social Welfare Secretary at the Mexican Airline Pilots Association. [For Dr. Salicrup's complete biography, please see *Aerosp Med Hum Perform* 2015; 86(6):586 or the June 2015 issue of this newsletter.]

## Self Becomes New LSBEB President

Brian P. Self, Ph.D., is the incoming President for the Life Sciences and Biomedical Engineering Branch (LSBEB). He



holds a B.S. in Engineering and Mechanics and an M.S. in Engineering Mechanics from Virginia Polytechnic Institute and State University, and a Ph.D. in Bioengineering from the University of Utah, Salt Lake City. He is currently a Professor in the Department of Mechanical Engineering at California Polytechnic State University, San Luis Obispo, CA.

Dr. Self began his career as a Graduate Research and Teaching Assistant in the Engineering Science and Mechanics Department at Virginia Polytechnic Institute and State University in Blacksburg, VA in 1988 after earning his B.S. In 1991, he became a Mechanical Engineer at the Air Force Laboratory, Wright-Patterson AFB, OH, until 1992. From 1994-1996, he was Director of the Gait and Motion Analysis Laboratory at the Orthopedic Biomechanics Institute/University of Utah, Salt Lake City. He then became a Biomedical Research Engineer at the Air Force Laboratory and then an Associate Professor teaching in the Department of Engineering Mechanics at the U.S. Air Force Academy, CO, where he was promoted to Professor in 2006. Later in 2006 he accepted a position as an Associate Professor at California Polytechnic, where he was promoted to his current position in 2009. From 2011 to 2012, he served as an Exchange Professor at the Munich University of Applied Sciences, Munich, Germany. He was also a Visiting Scholar at the Gevirtz Graduate School of Education, UC Santa Barbara, CA, from 2014-2015.

Dr. Self's awards and honors include the Ferdinand P. Beer and E. Russell Johnston, Jr., Outstanding New Mechanics Educator Award, Outstanding Academy Educator from the U. S. Air Force Academy, Mechanics Division Best Presentation Award, Mechanics Division Best Paper Award, and the Paul A. Bert and the Kent K. Gillingham Awards from the Aerospace Medical Association (AsMA). He is a member of the American Society for Engineering Education, on the Advisory Board for the Department of Engineering Education, and a member of the Human Factors and Ergonomics Society and the SAFE Association. He is also an Associate Fellow of AsMA, where he has served on the Leverett Award Committee, the Science and Technology Committee, and the Aerospace Human Factors Executive Committee. With the LSBEB, he has served on the Executive Committee and the Best Student Paper Award Committee, and has been Membership Chair and Treasurer/Secretary. He has also been a reviewer for a number of journals, including *Aerospace Medicine and Human Performance*, *Frontiers in Education Conference*, *Advances in Engineering Education*, and the *Journal of Engineering Education*.

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## Klingenberg to Lead ANS

Dr. J. Karen Klingenberger, Col. (Ret.), USAF, is the incoming President of the Aerospace Nursing Society (ANS).



She retired as the Chief Total Force Enterprise, Headquarters USAF, Defense Health Headquarters, Falls Church, VA, in July 2013 and is currently a Contract Flight Surgeon. She received a Bachelor of Science degree in Nursing from Loma Linda University, CA, in 1974. She entered active duty as an Air Force nurse in 1977 after working as a public health nurse for the City of Long Beach, CA.

Dr. Klingenberger's first active duty nursing assignment was at Mt. Home AFB, ID. During that assignment she was a Distinguished Graduate of the Air Force Flight Nursing Course and was subsequently selected to attend Undergraduate Pilot Training (UPT). After UPT she was a distinguished graduate of KC-135 copilot training prior to her assignment to Plattsburgh AFB, NY. At Plattsburgh she was a Stan-Eval Copilot and upgraded to aircraft commander before her selection to the Air Staff Training (ASTRA) Internship. During her ASTRA tour she worked in Doctrine, Joint Affairs supporting CSAF, and was the ASTRA executive officer for the Deputy Chief of Staff for Operations and Plans. After ASTRA she was a T-41 instructor pilot and Associate Air Officer Commanding and was the Commandant's Chief of Operations and Plans at the Air Force Academy. She has over 2000 flight hours with senior pilot, flight surgeon, and flight nurse ratings and has flown T-37, T-38, KC-135, and T-41 as a pilot, and C-5, T-1, T-6, T-38, C-40, and C-38 as a flight surgeon.

Dr. Klingenberger resigned her active duty commission in 1988, but continued to serve in the Air Force Reserves as the executive officer and acting squadron commander for the 302 Consolidated Aircraft Maintenance Squadron (CAMS), Peterson Air Force Base, while completing her pre-medical course requirements. She attended Colorado University's School of Medicine and received her Doctor of Medicine degree in 1996, which she followed with an Internal Medicine residency at the Washington Hospital Center in Washington, DC. After completing her residency, she returned to active duty and served for 2 years as the Chief of Internal Medicine with the 5<sup>th</sup> Medical Group, Minot AFB. She attended the Aerospace Medicine Primary Course in 2003 and was assigned as the Chief of Clinic Services (Element Chief) at Lajes Field, Azores, Portugal, before becoming the Chief of Aerospace Medicine at Bolling in 2004. She was awarded a Masters of Public Health degree from the Uniformed Services University for the Health Sciences at Bethesda, MD, in June 2009 and completed her residency in aerospace (RAM) medicine in June 2010.

Dr. Klingenberger's awards and decorations include the Legion of Merit, the Air Force Meritorious Service Medal with four oak leaf clusters, the Air Force Commendation Medal, the Air Force Achievement Medal, the Air Force Outstanding Unit Award with oak leaf cluster, the Global War on Terrorism Expeditionary Medal, and the Global

War on Terrorism Service Medal. She is a member of the Aerospace Medical Association, the Society of U.S. Air Force Flight Surgeons, and the Association of Military Surgeons of the United States. She is also Board Certified in Internal Medicine.

## Alves Quoted on In-Flight Delivery

Paulo Alves, M.D., a Fellow of the Aerospace Medical Association, was recently quoted in a *New York Times Magazine*



article about delivering babies mid-air. The article gave tips on what to do if a woman goes into labor far from a hospital, including making sure there is a soft landing place for the baby. Dr Alves recommends no improvised exams or procedures, washing your hands, and having a blanket ready to catch the baby. He also talks about what to do post-birth. The article can be found at

[www.nytimes.com/2016/05/01/magazine/how-to-deliver-a-baby.html](http://www.nytimes.com/2016/05/01/magazine/how-to-deliver-a-baby.html).

## New Members

Aguado, Rodolfo O., M.D., Hermosillo, Mexico  
Anghel, Mirela L., M.D., Ph.D., Bucharest, Romania  
Averett-Brauer, Tamara, Col., R.N., Livingston, TX  
Basse, Yarromi A., M.D., Fairfax Station, VA  
Bedi, Navjyot S., Atlanta, GA  
Berg, Richard A., Dr., Wilmington, NC  
Chavez, Tomas, Capt., ANG, D.O., Tulsa, OK  
D'Hert, Heidi, Dr., Flanders, Belgium  
Dollman, Max L., Dr., Chile  
Dougherty, Patrick, LT, USN, Ph.D., FPO, AP  
Eidher, Joerg, Dr., Vienna, Austria  
Edwards, Ivan, Maj., USAF, MC, San Antonio, TX  
Edwards, Jerry, Brig. Gen., Nixa, MO  
Gagnon, Matthew P., Capt., USAF, Barksdale AFB, LA  
Gaillard, Thibaut, Basel, Switzerland  
Hadley, Vanessa M., CDR, USN, Orlando, FL  
Higuchi, Masatsugu, Dr., Tskukuba, Ibaraski, Japan  
Kalliontzis, Athanasios, Dr. Med., Fluighafen-Wien, Austria  
Kephart, David A., Jr., Capt., Atco, NJ  
Kikuchi, Hiroto, M.Sc., Saitama-ken, Japan  
Lagarda, Juan B., M.D., Hermosillo, Mexico  
Lavin, Shane T., LT, USN, MC, Latrobe, PA  
Legaspi, Jamie, Stockton, CA  
Lowe, Michael A., CDR, Wright-Patterson AFB, OH  
Miles, Sean, CDR, M.B., Ch.B., R.N., Topsham, UK  
McKeith, James J., Dr. Med., Galveston, TX  
Organ, Brooke, Capt., USAF, Laughlin AFB, TX  
Pinto, Anoop, Dr., Dubai, United Arab Emirates  
Purza, Razvan, Winnipeg, MB, Canada  
Pyne, Kathleen, Wg. Cdr., R.N., RAAF, Jerrabomberra, NSW, Australia  
Sharpe, Kyle H., Hayes, VA  
Stathi, Chrissoula, M.D., Athens, Greece  
Toups, Gary, Dr., Rochester, MN  
Walker, Shane, San Francisco, CA  
Woolley, Robert B., Lt. Col., Hanscom AFB, MA  
Wrigley, Alexander, M.B., B.S., Winchester, UK

## NEWS OF CORPORATE MEMBERS

### United Celebrates 30 Years at Dulles

In May 1986, United Airlines commenced hub operations at Washington Dulles International Airport (IAD), with 58 departures serving 24 destinations. In May, the airline celebrated three decades of serving Dulles as a hub and more than 50 years serving the capital region, connecting customers to 83 global destinations with more than 200 departures, including capital-to-capital service to nearly 40 airports worldwide. United remains focused on adding service to the places customers want to fly at the times they want to travel, and will launch two new daily seasonal routes from IAD to Barcelona and Lisbon on May 25. Additionally, United recently applied to serve Havana from Dulles – the only airline that would offer direct flights to the Cuban capital from the Washington, DC, market.

—Please visit <http://newsroom.united.com/2016-05-09-United-Commemorates-30-Years-of-Connecting-Washington-Dulles-Hub-to-the-World> to read more about this.

### SAA Launches Codeshare Agreement with Avianca Brasil

South African Airways (SAA) announced that it has implemented a codeshare agreement with its Brazilian Star Alliance partner, Avianca Brasil, offering customers further destinations into Brazil. Through the agreement SAA customers will be able to travel on selected Avianca Brasil flights under the “SA” code, connecting São Paulo’s international airport to Brasília, Cuiabá, Curitiba, Florianópolis, Fortaleza, Goiânia, Juazeiro do Norte, Maceió, Porto Alegre, Recife, Rio de Janeiro, and Salvador. SAA operates 10 weekly flights between Johannesburg and São Paulo. In turn Avianca Brasil customers will travel on the “O6” Avianca Brasil code from Brazilian destinations through São Paulo to Johannesburg. SAA will operate the São Paulo—Johannesburg leg. Both carriers are selling tickets through all their sales channels for travel effective in May.

—Please see <http://www.flysaa.com/us/en/flyingSAA/News/South-African-Airways-and-Avianca-Brasil-launch-codeshare-agreement.html> for more on this.

### NIOSH Researcher Honored for Innovative Work

The National Institute for Occupational Safety and Health (NIOSH) congratulates researcher Hongwei Hsiao, Ph.D., for being a finalist for the 2016 Samuel J. Heyman Service to America Medals (Sammies) in the Career Achievement category for significant accomplishments throughout a lifetime of achievement in public service. Dr. Hsiao is an international leader in the field of occupational anthropometry and is currently the Chief of the Protective Technologies Branch in NIOSH’s Division of Safety Research. Dr. Hsiao is an expert in how human body size-and-shape intersects with tools, machines, vehicles, and personal protective equipment intended to protect workers, a field known as occupational anthropometry. He established the NIOSH Occupational Anthropometry Program and Laboratory, equipped with

state-of-the-art technology to collect data on body size and shape in 3D forms. The Service to America Medal recipients will be chosen by a committee appointed by award organizers, Partnership for Public Service. The awardees will be announced September 20 at the Andrew W. Mellon Auditorium in Washington, DC.

—Please visit <http://www.cdc.gov/niosh/updates/upd-05-02-16-b.html> to read more about this.

### Mayo Clinic Adds Unity Health to Their Network

Unity Health and Mayo Clinic announced that Unity Health has joined the Mayo Clinic Care Network, a network of health care providers committed to better serving patients and their families through collaboration. Unity Health is the first health care organization in Arkansas to join the network. The formal agreement gives Unity Health access to the latest Mayo Clinic knowledge and promotes collaboration among physicians to benefit patients. As a member of the Mayo Clinic Care Network, Unity Health will work with Mayo to share medical knowledge in ways that enhance patient care. Unity Health providers also can access Mayo’s extensive library of patient education materials and view archived Mayo Clinic grand rounds presentations that feature Mayo physicians and scientists.

—Visit <http://newsnetwork.mayoclinic.org/discussion/unity-health-joins-mayo-clinic-care-network/> to read more about this.

### Baxter Announces Results of Study on Infusion Pumps

Baxter International recently announced the results of a retrospective analysis of data from Sigma Spectrum Infusion System pumps that found 90% of programming events with intravenous (IV) “high-alert” drugs are titrations—dose or rate changes made after the infusion has started. Titration (a dose/rate change) helps avoid potential overdoses or adverse events by starting patients on a medication at the lowest possible dose and increasing the dose over time until the desired therapeutic effect is achieved. High-alert medications include drugs such as anesthetics, cardiovascular agents, and insulin that carry a larger risk of causing patient harm when used in error. These data were presented during a poster session at INS 2016, the annual meeting of the Infusion Nurses Society, in Ft. Lauderdale, FL.

—Please see <http://www.baxter.com/news-media/newsroom/press-releases/2016/05-18-16-ins-data-titration.page> for more on this.

### AOPA Presents at Safety Seminar

Lessons learned from investigating loss-of-control accidents involving general aviation aircraft and new ideas to reduce the often-fatal mishaps were in focus at a National Transportation Safety Board (NTSB) seminar held in partnership with AOPA and the FAA in Ashburn, VA, in May. Analy-

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zing the causes of accidents resulting from loss of control remains a high priority for the independent safety agency because those mishaps account for about 40% of fatalities in general aviation, the NTSB pointed out in presentations and in discussions of accident investigations and the resultant safety recommendations. George Perry, senior vice president of the AOPA Air Safety Institute, provided an update on two safety initiatives, both in early stages of development. One, a joint effort with the Experimental Aircraft Association, the National Association of Flight Instructors, the Society of Aviation and Flight Educators, and the FAA Safety Team, is working to create a high-quality, industry-supported flight review. The other initiative, a joint effort between AOPA and the University of North Dakota, is studying the benefits of adopting a circular airport traffic pattern as an alternative to the traditional box-shaped pattern.

—Please visit <https://www.aopa.org/news-and-media/all-news/2016/may/17/seminar-examines-trying-new-things-to-reduce-accidents> for more on this.

### **ALPA Joined by Frontier Pilots**

Pilots at Denver-based Frontier Airlines will be the latest group to join the Air Line Pilots Association, Int'l, the world's largest pilots' union. In voting that concluded in April, 93% of Frontier pilots cast votes in favor of a merger with ALPA, with 93% of eligible pilots voting. An independent union, the Frontier Airlines Pilots Association (FAPA) currently represents the airline's 1,000 pilots. The merger was ratified by ALPA's Executive Board when it met in May and became effective on June 1. The legal representation rights will transfer from FAPA to ALPA upon formal action by the National Mediation Board, which is expected around the same time.

—Please see <https://www.alpa.org/news-and-events/news-room/2016-04-29-frontier-pilots-vote-to-merge-with-ALPA> to read more about this.

### **Air Canada Chooses Airport for Aviation Biofuel Project**

Air Canada announced Canada's Biojet Supply Chain Initiative (CBSCI) will be held at Montréal-Trudeau Airport. It is a 3-year collaborative project with 14 stakeholder organizations to introduce 400,000 L of sustainable aviation biofuel (biojet) into a shared fuel system. Previous Air Canada biofuel flights used biojet that was segregated from regular jet fuel and loaded separately into an aircraft via tanker truck. By contrast, CBSCI's objective is to start developing a more efficient operational framework that will introduce biojet into a multi-user, co-mingled airport fuel supply system. The CBSCI project is a first in Canada and is aimed at creating a sustainable Canadian supply chain of biojet using renewable feedstocks.

—Please visit <http://aircanada.mediaroom.com/index.php?s=43&item=1009> to read more on this.

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### **Corporate News Bites**

**Essex:** Essex Industries has once again been awarded Nadcap Merit status for AC7108 Chemical Processing. This is the third consecutive time the company's Sunnen facility has earned this recognition. By achieving Merit status, Essex has been granted an accreditation that lasts until April 2018. The Nadcap Task Group determined that Essex Industries earned this special status through their ongoing commitment to quality. See <http://www.essexindustries.com/about-us/news/> for more on this.

**ETC:** Environmental Tectonics Corp. (ETC) is offering a NASTAR STEM camp for children who will be entering grades 2–12 in the fall. The programs engage students in interactive activities designed to reinforce state standards for Science, Technology, Engineering and Math (STEM) education. The application is at [www.nastarcenter.com/education/nastar-camp/](http://www.nastarcenter.com/education/nastar-camp/). Visit the article at [www.facebook.com/etcbuilds/photos/a.433258036716237.92272.433201096721931/1087338744641493/?type=3](http://www.facebook.com/etcbuilds/photos/a.433258036716237.92272.433201096721931/1087338744641493/?type=3).

### **Meetings Calendar**

**June 22-24, 2016;** XXIX National Congress of AIMAS; Trieste, Italy. For more information, please contact Maj (MD) Paola Verde, +39 06 91293471, [segreteria@aimas.it](mailto:segreteria@aimas.it), or visit [www.aimas.it](http://www.aimas.it).

**August 20-24, 2016;** American College of Preventive Medicine (ACPM) 29th Annual Board Review Course; Hyatt Regency, Baltimore, MD. This is an opportunity to prepare for the American Board of Preventive Medicine (ABPM) certification and re-certification examination. For more information, please visit <http://www.acpm.org/page/RC> Home.

**September 12-13, 2016;** 2nd International Conference on Influenza; Courtyard Berlin City Center, Berlin, Germany. For more, please visit <http://influenza.conferenceseries.com/>.

**September 15-18, 2016;** 5th European Congress of Aerospace Medicine; Oslo, Norway. For more information, please see <https://www.asma.org/annual-meetings/oslo-norway-5th-european-congress-of-aerospace-med>.

**September 22-24, 2016;** 5th international conference on Predictive preventive and Personalized Medicine & molecular diagnostics 2016; Phoenix, AZ. For more info, visit <http://personalizedmedicine.conferenceseries.com/>.

**September 26-30, 2016;** the International Astronautical Federation's (IAF's) 67th International Astronautical Congress (IAC); Guadalajara, Mexico. The theme will be 'Making Space Accessible and Affordable to All Countries.' For more info, visit <http://iac2016.org/>.

**October 3-5, 2016;** 4th International Conference on Geriatrics and Gerontology; London, UK. The theme of the conference is "Emerging Paradigm shifts in Global Aging Science." For more information, please visit <http://geriatrics-gerontology.conferenceseries.com/>.

**October 10-11, 2016;** International Conference on Molecular Biology; Dubai, UAE. For more info, please visit <http://molecularbiology.conferenceseries.com/>.



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