President's Page

A Heritage Second to None

Sitting on my desk is a round "logo button" I picked up somewhere in my travels. I'm sure you can picture it – an inch and a half metal button that can be pinned to your jacket or shirt that has a red border and red line diagonally through the center (Google informs me that symbol is termed the "circle slash"). Underneath the slash are the words "Because we've always done it that way" (If you're having trouble picturing it, just Google the phrase and add the word button). I don't remember where or when I acquired it, but it's been with me for at least 15 years. For the last six years, it was taped to my office door in such a way that both my staff and I could see it. Not a very big button, but to me, a very important reminder.

AsMA is a truly unique medical organization, particularly for a U.S.-based medical society. I take great pride in being part of an organization whose membership is as diverse as ours, but as one who "grew up" in AsMA, there have been times that I've also taken our uniqueness for granted. Early on in my membership, I assumed all specialty societies were composed of nurses, physiologists, industrial hygienists, optometrists, psychologists, scientists, researchers – not just from the U.S., but from around the world.... It wasn't until I joined other specialty societies that I came to appreciate how extraordinary AsMA is.

Few medical specialties enjoy the rich heritage that Aerospace Medicine does. Textbooks in Internal or Family Medicine do not open with the prideful recounting of their specialty's contributions to the evolution of even one field of endeavor, yet alone our two – the fields of aviation and manned space exploration. Not only were AsMA members contributors – many were active participants – men and women such as John Paul Stapp, Vance H. Marchbanks, Jr., Joseph Kerwin, and Laurel Clark. As intertwined as our heritage is with the aviation and space industries, so too is our Association's future.

When I attended my first AsMA scientific meeting in Washington, DC, in 1989, our Association's membership was close to 5,000. By the time you read this, AsMA's membership will probably be a little more than 2,200. While the beginning of commercial space flight is an exciting new opportunity for society, NASA's sharp reduction in manned space exploration funding is unlikely to help in the recruiting of new members for the foreseeable future. As if that wasn't enough, we also have the major growth and development of unmanned aerial vehicles. As a flight surgeon, I'm not really sure what to think of the concept of "unmanned"...

As an organization, AsMA is not immune from the forces buffeting our colleagues in other medical specialty societies. Over the last 10 years, the process of board certification has undergone revolutionary changes. It is no longer sufficient for a physician to sit for a single certification examination at the beginning of his or her career and then participate in periodic continuing medical education activities. Our patients, and those private and governmental organizations that advocate on their behalf, expect greater **active** participation by physicians to maintain and improve their medical knowledge. Initial "lifetime" board certification evolved into "periodic recertification,", which has evolved once again into "continual recertification." Most of the larger medical specialty boards have gone to annual recertification. As a member of the



P. Glenn Merchant, Jr., M.D., M.P.H.

American Board of Medical Specialties, the American Board of Preventive Medicine will have little choice but to adopt the same requirements.

Now before anyone says: "Whoa, our new President thinks the sky is falling!" you should know I think it's just the opposite. I see nothing but opportunity in AsMA's future. While we may only have 2,200 members, I see us as 2,200 of the most dedicated, talented professionals in any specialty organization on the planet. We have a vitality and enthusiasm other societies can only dream of! Based on my survey of the membership, we like who we are and what we do. We share a heritage that is second to none!

So what about that button with the slash through it stating "Because we've always done it that way"? To me, it serves as a reminder that we live in an ever-changing world. Changes neither sought nor desired, but changes coming nonetheless. AsMA needs to embrace those changes, to leverage them to our advantage, while avoiding the mentality of "That's not how AsMA does it." After all, what organization understands the need for periodic, even annual, evaluations more than one composed of Aerospace Medicine Specialists? I'd argue that AsMA is well prepared to crack the code on providing quality continuing medical education tailored to each individual's need - CME that will help each of us deliver care more effectively and more efficiently.

Work lies ahead, but I'm confident that AsMA is well positioned to continue to respond to the challenges of the future. Over the next 11 months, I intend to use this page to share issues your elected leaders are wrestling with, as well as concerns, ideas, complaints, and suggestions you share with me. I promise I'll keep my button close, so when you share an idea, you're not met with "That's not how AsMA does it."

My first challenge to you is "Get engaged with AsMA". For those already engaged, see if you can't bump up your effort, just a little. Reach out to the members of Council, the Executive Committee, or one of our standing committees. Work within your Constituent and Affiliate Organizations. Share your thoughts, concerns, and, most of all, solutions. If you've been a member for a while, find someone to mentor. If you're new to AsMA, ask someone for help. If you're so new you know no one, shoot me an e-mail (pgmerchant@mac.com) and I'll find you the perfect mentor. You have the talent; your Association has the need!

Association News

Former AsMA President Howard R. Unger Has Died

Major General (Dr.) Howard Robert Unger, 84, died in March. Dr. Unger was born in Shamokin, PA, in 1927. He went to college and



medical school at George Washington University, which he attended on a combined academic and athletic scholarship. He joined the U.S Air Force (USAF) and subsequently obtained a Master of Public Health at Johns Hopkins University, MD, then

completed his residency in Aerospace Medicine at Randolph AFB, TX, and Wright-Patterson AFB, OH. Bob made many contributions to the flight and space programs, and always loved working with the astronauts and other pilots, many of whom became his close friends. After several assignments he served in Vietnam from 1968 to 1969, then returned to Washington, DC, where he soon became chief of the Aerospace Medicine Division. In 1972 he served as the hospital commander at RAF Lakenheath in England and, while there, was promoted to Brigadier General. In 1974 he moved to Ramstein, Germany, where he was the command surgeon for all USAF medical activities in Europe. He then served as commander of the Aerospace Medical Division at Brooks Air Force Base, TX, from 1975 to 1978, being promoted to Major General in 1977. In 1978 he became the command surgeon for the Military Airlift Command at Scott AFB, IL. He

retired prematurely in 1981 after suffering a stroke.

Dr. Unger earned many medals and awards during his career, and served as the President of the Aerospace Medical Association, the American College of Preventive Medicine, and the Society of U.S. Air Force Flight Surgeons. An award for original writing in aerospace medicine was named after him, as was a street at Brooks City-Base. After retiring from the military, he was an active member of the community, helping to establish the first Ronald McDonald House and spearheading the Challenger Learning Center at Brooks AFB. He was a Diplomate certified in Aerospace Medicine of the American Board of Preventive Medicine and a Fellow of the Aerospace Medical Association.

SAFE Call for Papers 50th Annual SAFE Symposium October 22-24, 2012 Grand Sierra Resort and Casino, Reno, NV

Deadline for Abstract Submissions is June 15, 2012.

All 200-word abstracts in the fields of safety, survival, and life support must be submitted electronically in MS Word format to the SAFE Office at safe@peak.org using the form available on the website www.safeassociation.com/symposium.htm. The SAFE Office will coordinate all review and acceptance. For further information contact: SAFE Association, Post Office Box 130, Creswell, OR 97426; (541) 895-3012; safe@peak.org; www.safeassociation.com. To sign the guest book, please visit www.legacy.com/obituaries/sanantonio/ obituary.aspx?n=howard-unger&pid= 156790268.

UpcomingFAA AME Seminars

June 18-22, 2012 Oklahoma City, OK Basic

August 10-12, 2012 Washington, DC Neuro

> Oct. 4-6, 2012 La Jolla, CA CAMA

Oct. 29-Nov. 2, 2012 Oklahoma City, OK Basic Nov. 16-18, 2012 (tentative) Denver, CO O/O/E†

PLEASE NOTE AsMA only takes registrations for the FAA seminar held in conjunction with our annual meeting in May. For all others, please visit the FAA's site at: www.faa.gov/other_visit/ aviation_industry/designees_delegations/ designee_types/ame/seminar_schedule/.

MeetingsCalendar

June 20-23,2012; Undersea and Hyperbaric Medical Society's 45th Annual Scientific Meeting; J. W. Marriott Desert Ridge Resort & Spa, Phoenix, AZ. For more info, please visit www.uhms.org.

July 1-5, 2012; Flying Physicians Association's 58th Annual Meeting; Denver, CO. For more info, please visit www.fpadrs.org/mt_detail. cfm?pk=95.

July 8-11,2012; 23rd Annual NASA Space Radiation Investigators' Workshop; Washington Duke Inn, Durham, NC. For more info, please visit www.dsls.usra.edu/meetings/radiation2012/index.shtml.

October 4-6, 2012; the Civil Aviation Medical Association's (CAMA) Annual Scientific Meeting; San Diego Marriott La Jolla, La Jolla, CA. The theme for this year's meeting is "Taming the Complex Aeromedical Examination: Flight Physician Preparedness." For more information, please see CAMA's website: www.civilavmed.com/.

October 22-24,2012;50th Annual SAFE Symposium; Grand Sierra Resort and Casino, Reno, NV. Please see the Call for Papers on the SAFE Symposium page; deadline for abstract submission is June 15, 2012.

October 29-November16, 2012; Aviation Leaders Programme in Advanced Management (ALPAM); Singapore. For more information, please vist www.saa.com.sg/ALPAM/alpam.html.

October 31, 2012; Autonomic Disorders & Syncope Workshop; Paradise Island, Bahamas. For info, contact: Anita Zeller, AAS Executive Secretary, American Autonomic Society, Phone: 952-469-5837, Fax: 952-469-8424; or visit www.americanautonomicsociety.org.

October 31-November3, 2012; The 23rd International Symposium on the Autonomic Nervous System; Paradise Island, Bahamas. For more info, please visit www.americanautonomicsociety.org.

November9-11,2012; The 3rd European Conference in Aerospace Medicine: Medicine in the Extreme Environment; Sheraton Skyline Hotel, Heathrow, London, UK. For info: www.esam.aero or www.aame.co.uk.



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InternationalAero MedicalSeminar(FAA) in Berlin 23 – 26 August 2012

Presidents of Constituent Organizations, 2012-2013

Domínguez-Mompell Heads AMDA

Dr. Ramón Domínguez-Mompell is the incoming President of the Airlines Medical Directors Association. He was born in Cadiz,



Spain, and graduated from the Faculty of Medicine of Cadiz, Southern Spain, in 1983. As a doctor's orphan he was sponsored by the Official College of MD of Cadiz to study Occupational Medicine, which he finished in Cordoba (Spain) in 1985.

In 1986 he passed the American ECFMG for basic sciences and also obtained another scholarship, this time from the Regional Government of Andalucia (Southern Spain), to study for a Masters in Occupational Medicine at the London School of Hygiene and Tropical Medicine. He did his practical with the National Radiation Protection Board of Southern England. He gained a diploma in 1987 and returned to Spain where he began work as a GP.

In January 1988 Dr. Domínguez-Mompell moved to Madrid to join the Underground Transport Company as an occupational doctor. Five months later, after completing the noise map of the tunnels of the company, he joined Iberia Airline of Spain. This was his first contact with aviation medicine. In January 1989 he passed the ECFMG for clinical sciences and entered the Matching Program with the purpose of becoming an OB-GYN in the United States. But unexpectedly, after having studied so much to pass the ECFMG, a unique opportunity was offered to him to enter the Faculty of Dentistry of Madrid to become a dentist in 3 years instead of the normal 5 (exception made when Spain entered the EU for doctors only, and for that year only). He decided to remain in Spain and for 3 years he worked part time for Iberia. He graduated in Dentistry in 1992 and began to work for insurance companies during the afternoon shift. He then returned to work in Iberia full time. He worked in the departments of Occupational Medicine and Aviation Medicine and became an Aeromedical Examiner (AME) in 1994. In 1996 he was designated as head of the Medical Services of Iberia. He then left working for the dental insurance companies and opened a private dental clinic. At that time he decided to start an aeromedical career.

Dr. Domínguez-Mompell joined the Aerospace Medical Association (AsMA) in 1997. He became an AsMA Associate Fellow in 2005. He was honored in 2006 by being named by then-President Dr. Richard Jennings as one of the international representatives of the new AsMA Foundation. In May 2008 he became a Fellow of AsMA. Last year he was honored by his colleagues of AMDA with the annual George J. Kidera Award.

Dr. Domínguez-Mompell is an Academician in the International Congresses of Aviation and Space Medicine. In 1998 he joined the AMDA and from 2000 he has served on several committees. In 1999 he became a founding member of the medical group of the Association of European Airlines (AEA) and was the Chairman for a 2-year term. Back in Spain, he was nominated for the executive of the Spanish association SEMA in 1999. He is a member of the Asociación Iberoamericana de Medicina Aeroespacial (AIMA) and has participated in more than six panels of the AIMA during the AsMA meeting. Last year he was named Vice-President of the Association. In 1999 and 2005, he was authorized by AsMA to translate the two issues of the *Medical Guidelines for Air Travel* into Spanish.

In May 2008 he became one of the founding members and President of the brand new International Association of Aviation Dentistry (IAAD). He has presented at national and international congresses and has written articles about aviation cosmic radiation exposure, a field in which he has become a recognized expert. He has led round tables panels and trained Spanish AMEs under the scope of the Spanish Association and the Civil Aviation Authorities of his country.

McKeon to Head ASAMS

Joseph McKeon, M.D., M.P.H., is the incoming President for the American Society for Aerospace Medicine Specialists (ASAMS). He attended the U.S. Military Academy at West Point from 1975 to 1979 and later graduated from the Medical College of Virginia in Richmond with an M.D. in 1990. A native of Washington, DC, he earned an M.P.H. at the University of Texas Health Science Center in San Antonio, TX, in 1997 and then entered the U.S. Air Force School of Aerospace Medicine at Brooks City-Base, TX, graduating in 1999. He served an internship at Dewitt Army Community Hospital in Fort Belvoir, VA, from 1990-1991 and later in 1991 took the U.S. Army Flight Surgeon Primary Course at Fort Rucker, AL, then the Combat Casualty Care Course at Fort Sam Houston, TX. From July to August of 1998, he attended a Tropical Medicine course at the Uniformed Services University of Health Sciences in Bethesda, MD, and Manaus, Brazil.

Dr. McKeon served as Maintenance Platoon Leader and UH-1 Maintenance Test Pilot in the 205th Aviation Battalion in Hanau, Germany, from 1981-1982, then as Aircraft Maintenance Platoon Leader and CH-47 Test Pilot in Mannheim, Germany, for the 295th Aviation Company from 1982-1984. He then became Chief of the Management Operations Branch of the U.S. Army Transportation and Logistics School in Fort Eustis, VA, until 1986. From 1991-1993, he served as Chief of the Outpatient Clinic and E.R. Physician and Flight Surgeon at Keller Army Community Hospital in West Point, NY. He was then deployed to the Yongsan Garrison in Seoul, Korea, where he was Officer in Charge of the Yongsan Health Clinic and then Commander. In 1995, he became Chief of the Acute Care Clinic and Outpatient Medicine in the Munson Army Community Hospital at Fort Leavenworth, KS. In 1999, he served as Chief of the Education Branch in Fort Rucker, AL, and then, in 2002, became Command Surgeon, U.S. Army Safety Center at the U.S. Army School of Aviation Medicine at Fort Rucker.

Dr. McKeon is a member of the Society of U.S. Flight Surgeons, the American College of Preventive Medicine, and the Association of Military Surgeons United States. He is an Associate Fellow of the Aerospace Medical Association, a Life Member of the Army Aviation Association of America, and belongs to the Order of Military Medical Merit. His awards include the Meritorious Service and Army Commendation Medals with third oak cluster, the Army Achievement Medal with second oak leaf cluster, the Armed Forces Expeditionary Medal, Army Aviator Wings, Army Flight Surgeon Wings, and Airborne Wings.

Martindale to Lead AsHFA

Lt. Col. Valerie E. Martindale, USAF, BSC, is the incoming President of the Aerospace Human Factors Association (AsHFA). She is a



Fellow of the Aerospace Medical Association (AsMA) and has served on many of AsMA's committes, including the Nominating Committee, the Membership Committee, and the Science & Technology Committee. She has served on AsMA's

Council and is currently the Deputy Chair of the Scientific Program Committee. She entered the Air Force in 1990, coming from a job as Assistant Professor at Indiana University to become an Aerospace Physiologist. She has had an atypical career every step of the way, from running the Altitude and Hyperbaric Research Program at Wilford Hall Medical Center to being the European Liaison for the Human Effectiveness Directorate of the Air Force Research Laboratory. Along the way she has had more traditional Air Force roles, teaching aircrew about altitude physiology, emergency procedures, and human factors, and did a tour as Chief of Aerospace Physiology. She has a number of adjunct faculty positions, and has taught a master's course in Human Factors in Aviation for Embry-Riddle. Over the last 5 years she has been dedicated to seeing Human Systems Integration established in the Air Force. In addition to her current job as Chief Scientist for the Human Performance Integration Directorate of the 711th Human Performance Wing, she is Deputy Chair of the Human Systems Integration Task Force for the Defense Safety Oversight Council.

Lt. Col. Martindale earned a B.A. and an M.S. in 1983 from Northwestern University and a Ph.D. in Developmental Genetics and Anatomy in 1989 from Case Western Reserve University. After she joined the Air Force, she completed Squadron Officer School in 1996, Air Command and Staff College in 1998, and Air War College in 2004. From 1990-1996, she was Chief of Veterinary Hyperbaric Medicine/Aerospace Physiology Division at the Clinical Investigation Directorate, 59th Medical Wing, Lackland AFB, TX. In 1996, she was Commander of the 421st Medical Support Squadron and then became Associate Chief of the Division of Altitude and Hyperbaric Physiology at the Armed Forces Institute of Pathology. From 1998-2000, she served as Chief of Operations at the 89th Physiological Training Flight, Andrews AFB. In 2000, she transferred to become the 314th Aerospace Physiology Training Flight Commander at Little Rock AFB. From 2002-2005, she was

Chief of International Human Factors, European Office of Aerospace Research and Development, in London. In 2005, she became Chief of the Aerospace Physiology and Human Performance Enhancement Division, where she served until 2007, when she became Chief of the Warfighter Support Division in the Air Force Human Systems Integration Office. She was later transferred to her current position.

Lt. Col. Martindale attained board certification in Aerospace Physiology in 2001, and was board certified with distinction as a Hyperbaric Technologist in 1996. She is a member of the American Society for Cell Biology and the Europe Chapter Human Factors and Ergonomics Society. Within the Aerospace Medical Association she is a member of the Aerospace Physiology Society, the Life Sciences and Engineering Branch, and the Aerospace Human Factors Association. She was the winner of the 2010 Sidney D. Leverett, Jr., Environmental Science Award from AsMA.

Woodrow Heads AsPS

Lt. Col. Andrew Woodrow is the incoming President of the Aerospace Physiology Society (AsPS). He is currently commander of the 9th Physiological Support Squadron, Beale Air Force Base, CA. He is responsible for leading and managing all aspects of physiological support for the U-2 high-altitude reconnaissance mission at Beale and three forward operating locations. He oversees the Air Force Full Pressure Suit Depot maintenance and supply center, and manages AFI 11-403 training for DoD, NASA, and FAA aircrew as the USAF Western Region Physiological Training Center.

Lt. Col. Woodrow earned an Associate in Applied Science from the Community College



of the Air Force in 1986, an Associate of Science n 1988 from Yuba College in Marysville, CA, and a B.S. in Psychology/ Physiology from Chapman College in Orange, CA, in 1989. He then earned an M.Ed. in Human Development from Boston University 3. He attended Squadron

in Boston, MA, in 1993. He attended Squadron Officers School at Maxwell AFB, AL, in 1994 and an Air Command and Staff College seminar at Beale AFB in 2005. He then went on to earn a Masters of Aeronautical Science in Human Factors at Embry-Riddle Aeronautical University in 2006. He graduated Air War College in 2008.

Lt. Col. Woodrow entered active duty in 1983 and was assigned to the SR-71/U-2/TR-1 High Altitude Reconnaissance Mission Support program. Upon a competitive selection process, he was commissioned into the Biomedical Sciences Corps in 1989. Along with formal advanced training in aerospace physiology and hyperbaric/diving medicine, his experiences include clinical hyperbaric research, aviation human factors, aircraft accident investigation, aircrew equipment integration test and evaluation, and curriculum and instructional development. He has served as human factors consultant and physiology program manager to the USAFE Command Surgeon and the AETC Command Surgeon.

Lt. Col. Woodrow is a board Certified Hyperbaric Technologist and Ergonomics Manager and has been consultant to 10 Class A and numerous Class B/E aircraft mishap investigations. He is a command biomedical scientist with more than 375 hours of flight in 16 airframes. His awards include the USAF

Meritorious Service Medal with five oak leaf clusters, the USAF Commendation Medal with one oak leaf cluster, and the USAF Good Conduct Medal with one oak leaf cluster. He has also been honored with Strategic Air Command Airman of the Year, USAFE Company Grade Physiologist of the Year, Air Combat Command Field Grade Physiologist of the Year, and Air Force Research Laboratory Science and Engineering Educator of the Year. He is a member of the Royal Aeronautical Society and a Fellow of the AsMA. Within AsMA, he has served on the Aviation Safety Committee, the History & Archives Committee, and the Scientific Program Committee

White Incoming President of LSBEB

Col. Donald J. White, USAF, is the incoming President of the Life Sciences and Bioengineering Branch. He currently serves as Assistant for

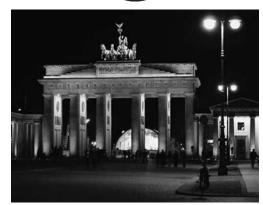


Aviation, Operational Safety and Human Performance, office of the Deputy Under Secretary of Defense, Installations and Environment, Environmental Readiness and Safety. He entered the Air Force by direct commission in 1984. Upon completion of the USAF School of

Aerospace Medicine Aerospace Physiology officer training course in 1984, Colonel White has had an operational career that includes assignment experience in acquisition, research, development, test and evaluation; education, aircrew training, operational physiology and operational safety. As the human factors and

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human performance consultant he has participated on 14 Class A Safety Investigation Boards, two Accident Investigation Boards and four Medical Incident Investigation Boards. He was also selected as a human factors and life science investigator for the Columbia Accident Investigation Board. He is also currently appointed as Adjunct Assistant Professor of Preventive Medicine and Biometrics at the Uniformed Services University of Health Sciences.

Col. White earned a B.S. in Physical Education at Frostburg State College in Frostburg, MD, in 1975, and an M.A., also in Physical Education, at Kent State University in Kent, OH, in 1977. He then attended Squadron Officers School in 1987. His continuing education includes attendance at the Fundamentals of Acquisition Management course and the Intermediate Systems Acquisition Course at the Systems Acquisition School, BAFB, TX; the Systems Engineering Course, Defense Systems Management College, Los Angeles, CA; Air Command and Staff College; Air War College; and the Interagency Institute for Federal Health Care Executives at George Washington University, Washington, DC.

Col. White serves as Chairman, Board of Directors, Society of Human Performance in Extreme Environments; is a Past Chair and member of the Aerospace Medical Association Associate Fellows Group, Aerospace Medical Association; past Chair of the Aerospace Physiology Society; current Chair, Human Factors Committee, Aerospace Medical Association; and a Fellow of the Royal Aeronautical Society, London, UK. Within AsMA, he has served on the Council and on the Aerospace Human Factors Committee and is currently serving on the Scientific Program Committee. His awards include the USAF Meritorious Medal with three oak leaf clusters, the USAF Commendation Medal with two oak leaf clusters, the U.S. Army Achievement Medal, the Air Force Outstanding Unit Award with Valor, the National Defense Service Medal with Bronze Star, and the Global War on Terrorism Expeditionary Medal. He has been named Aerospace Physiologist of the Year by the Air Force and Air Combat Command, and was the winner of the Wiley Post Award for Operational Physiology and the Fred A. Hitchcock Award for Excellence in Aerospace Physiology from the Aerospace Physiology Society, and the Harry G. Moseley Award from AsMA.

Shimada Heads SMA

Kazuhito Shimada, M.D., Ph.D., is the Incoming President of the the Space Medicine Association (SMA). He is currently the Chief



Flight Surgeon of Medical Operations at the Japanese space agency, JAXA. He is trained for Otorhinolaryngology, Aerospace Medicine, and Hyperbaric Medicine. Since he joined aerospace medicine in 1993, he has

supported 11 out of 14 Japanese astronaut space missions. He earned his M.D. at the University of Tsukuba, Ibaraki, Japan, in 1983, and a Ph.D. in 1987, also from Tsukuba. He earned an M.S. in Aerospace Medicine at Wright State University in 1995 and is boardcertified in Aerospace Medicine from the American Board of Preventive Medicine and by the Otorhinolaryngological Society of Japan.

Dr. Shimada was an ENT Surgeon at Saku Central Hospital in Nagano, Japan, from 1987 to 1989 and then ENT Chief at Kenritsu Chuo Hospital in Ibaraki until 1992. In 1993, he became an Aerospace Medicine Resident at Wright State University, Dayton, OH, until 1996. During that time, from 1995-1996, he served a Resident rotation/OJT at the NASA Johnson Space Center Flight Medicine Clinic. Since 1997, he has been a Medical Officer for the JAXA hypobaric chamber and from 1997-2012, he was also Medical Officer for the JAXA EVA water simulation tank. From 1993-1998, he also served as a Flight Surgeon, Medical Operations, for NASDA and from 1998-1999 as Chief of Medical Operations for Japan Manned Space Systems Corporation. In 1999, he became a Flight Surgeon, Space Medicine Group, for JAXA and in 2004 was promoted to Chief of the Occupational Medicine Office at Tsukuba Space Center. In 2006, he became a JAXA Flight Surgeon at MCC-Houston and in 2010 accepted his current position.

Dr. Shimada is currently the Japanese representative for the International Space Station Multilateral Medical Policy Board, Multilateral Space Medicine Board, and Multilateral Medical Operations Panel. He is a Fellow of the Aerospace Medical Association (AsMA), an Affiliate member of the American College of Preventive Medicine, and a Safety Instructor for the Japan Aircraft Pilot Association. He is an AME for the Federal Aviation Administration and in Japan, and is Delegate and Vice President of the FAI Medico-Physiological Committee.

Gilleran Is Leader of SUSNFS

CAPT Lou Gilleran, USN, is the incoming President of the Society of U.S. Naval Flight Surgeons. He was born in Oak Park, IL and



was raised primarily in New York City. He graduated from Montclair State University, NJ, with a B.S. in Biology in May 1979. He obtained his M.D. from Ross University School of Medicine in January 1987 after transferring from St. George's University

School of Medicine in Grenada following the U.S. liberation. He completed residency training and was Chief Resident in Internal Medicine at Huron Hospital, Cleveland Clinic, Cleveland, OH, in December 1989.

CAPT Gilleran received a direct accession commission as a Lieutenant in November 1989 and was assigned as a Flight Surgeon Student at Naval Aerospace Medical Institute, Pensacola, FL. After being winged as a Naval Flight Surgeon and receiving the Surgeon General's award for Student Excellence in June 1990, he was appointed as Senior Flight Surgeon/Internist, NAS New Orleans, from June 1990 until July 1992. He was promoted to Lieutenant Commander in June 1992 and was selected to the U.S. Navy Residency in Aerospace Medicine and commenced his Master of Public Health degree at Tulane University in Louisiana, graduating in August 1993. He then proceeded to the Naval Operational Medical Institute, Pensacola, to

complete his Residency in Aerospace Medicine, graduating in June 1995. He is a diplomat of the American Board of Preventive Medicine and a Fellow of the American College of Preventive Medicine.

LCDR Gilleran reported aboard USS Carl Vinson (CVN 70), home-ported in Alameda, CA, in June 1995 as Senior Medical Officer. He completed a WESTPAC/Arabian Gulf deployment as Carl Vinson Battle Group Medical Officer and completed a change of home port to, and a yard period in, Bremerton, WA. While aboard Carl Vinson, he qualified as a Surface Warfare Medical Department Officer and Carl Vinson received the Battle E Award and the Medical Department received two Blue M Awards. In August 1997 he reported to the Naval Medical Center San Diego and was assigned as Senior Medical Officer, Branch Medical Clinic North Island. In June 1998 he was promoted to Commander. In July 1998 he took on the added responsibility as VRC 30 Flight Surgeon and in December 1998 was assigned as Deputy Force Medical Officer, Commander Naval Air Force U.S. Pacific Fleet. Following this tour he was assigned to duty with the U.S. Marine Corps as Surgeon and Deputy Surgeon, 3rd Marine Aircraft Wing and Surgeon Marine Wing Support Group 37 Surgeon, Miramar, CA, in September 2002. He deployed with the 3rd Marine Aircraft Wing to Kuwait and Iraq as part of Operation Enduring and Iraqi Freedom.

CDR Gilleran was assigned as Officer in Charge, Surface Warfare Medicine Institute, San Diego, CA, from August 2004 to October 2007. He reported as Officer in Charge, Branch Medical Clinic, Marine Corps Recruit Depot San Diego in October 2007 and served simultaneously as Head Branch Medical Clinic NTC from January through November 2008. In July 2009 he was assigned as Force Surgeon, Commander Naval Air Forces-Reserve. He was promoted to Captain in October 2010 and completed a Master Degree in Emergency and Disaster Management at Trident University International in April 2011. He then deployed with 4th MEF, USMC, as Black Sea Rotational Force Surgeon in 2011.

CAPT Gilleran has been the Navy representative to the Joint Force Health Protection, Patient Movement Working Group and U.S. Army MEDEVAC Committee, Defense Medical Standardization Board-Patient Movement, U.S. Navy LCAC Medical director, and is a trained Medical Acupuncturist. His awards include the Meritorious Service Medal (6), Navy Commendation Medal, Navy Achievement Medal (2), Global War on Terrorism Expeditionary and Service Medals, Battle Efficiency Award (2), Presidential Unit Commendation, Navy Unit Commendation, Meritorious Unit Commendation (4), Sea Service Award (2), Outstanding Volunteer Service Medal, National Defense Medal (2), Armed Forces Expeditionary Medal, USCG Special Operations Award and Fleet Marine Force Ribbon. He is an Associate Fellow of the Aerospace Medical Association and is serving on the Nominating Committee.

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Powell-Dunford To Begin 2-Year Term as USAAMA President

MAJ Nicole C. Powell-Dunford, MC, USA, is the incoming President of the U.S. Army Aviation Medicine Association. She graduated



sociation. She graduated from the State University of NY at Albany in 1997 with a B.A. in Biology/English. She attended the Uniformed Services Academy of the Health Sciences and earned an M.D. in 2001, then served a Family Medicine residency at Tripler Army Medical

Center (TAMC) from 2001-2004. She continued her education at the University of Texas Medical Branch (UTMB), earning an M.P.H. in 2008, after which she served an Aerospace Medicine practicum at the Naval Operational Medicine Institute until 2009.

During the period from 2004-2005, MAJ Powell-Dunford was also a Task Force Flight Surgeon, OEF. She then served as 25th ID CAB Flight Surgeon/Aviation Medicine Clinic Chief from 2005-2006. Between 2006 to 2007, she was Task Force Flight Surgeon/Clinic OIC, OIF. From 2009-2011, she was Director, U.S. Army Primary Flight Surgeon Course. In 2011, she became 25th ID CAB Flight Surgeon/Aviation Medicine Clinic Chief, the position she currently holds.

MAJ Powell-Dunford attended the Flight Surgeon Primary Course in 2001, the Brigade Surgeon Course in 2006, the Captains Career Course in 2007, and CGSC Intermediate Level Education in 2009. Her awards include being a recipient of the Aerospace Medical Association's (AsMA's) Fellows Scholarship in 2009, the Army Aviation Association of America's Medicine Award in 2005, TAMC's Michael Yancey Excellence in Teaching Award in 2004, 1st Place for original resident research from the AAFP National Assembly and 2nd place, also for original resident research, from USAFP National Assembly in 2003, and 3rd Place in the TAMC Bass Research competition in 2002. She also holds a variety of military awards, including the Order of the Spur and the Order of St. Michael.

MAJ Powell-Dunford is the President-Elect of the Army Flight Surgeon Association, a Fellow of the American Academy of Family Physicians, a Life Member of the Society of U.S. Army Flight Surgeons, and a member of the American Society of Aviation Medicine Specialists, the Army Aviation Association of America, the Society of U.S. Navy Flight Surgeons, Veterans of Foreign Wars, and AsMA, where she a member of the Safety Committee. She is also Operational Medicine co-chair of the Uniformed Services Academy of Family Physicians.

Taylor to Head ANS Again

Nora Taylor, R.N., will be the incoming President of the Aerospace Nursing Society. She was to have taken the post last year, but due to an administrative technicality (lack of quorum), she could not be confirmed as President of ANS. This year, however, she will be taking up the position for the second time. She is currently the Business Change Manager for WellPoint's Behavioral Health Central Operations Unit. She has held many civilian positions in Blue Cross Blue Shield of Missouri and has worked in medical management certification, training, and care management. She has been the driving force for the promotion of flight nursing and is the recipient of the 2011 Mary T. Klinker Award from the Aerospace Medical Association. Biographies for her can be found in ASEM 2011; 82:667 and 753.

Brown Continues 2-Year Term as IAMFSP President

David L. (Lex) Brown, M.D., is the continuing President of the International Association of Military Flight Surgeon Pilots (IAMFSP). He is currently an Associate with Booz, Allen, Hamilton as of September 2011 and supports the Human Systems Integration Task Force under the Defense Oversight Safety Council. He is a Fellow of the Aerospace Medical Association and serves on the Aviation Safety Committee and on the Council. He is also a member of the Society of U.S. Air Force Flight Surgeons and a Vice Flight Captain in the Order of the Daedalians. His full biography can be read in ASEM 2011; 82:668.

Knight Will Lead SUSAFFS

Kenneth K. Knight is the incoming President of the Society of USAF Flight Surgeons. He is a Fellow of AsMA.

For past articles members can log into the Members Only page and non-members may access the journal and archives through the journal page.



Send information for publication on this page to: News of Members AerospaceMedicalAssociation 320 S. Henry Street Alexandria,VA 22314-3579 pday@asma.org

NEWS OF MEMBERS

Vincente R. Ciancio, M.D., of La Plata National Unversity in Argentina, is now a Corresponding Member of the European Radiation Dosimetry Group's (EURADOS) Working Group 11 on High Energy Radiation Fields. He attended and participated in the most recent EURADOS Annual Meeting held in Vienna, Austria, in February. The EURADOS Working Group 11 is one of the best recognized institutions in the investigation of high energy radiation fields. One particular area of research it is involved with is the current solar cycle, which will be generating solar flares, coronal mass ejections, and magnetic storms which will impact the Earth and presents one of the most important current natural challenges. At the EURODOS meeting, Dr. Ciancio presented "Cosmic Solar Radiation Dosimetry in the Circumpolar Route of Argentinean Airlines during the Solar Cycle 23." He then traveled to Sofia, Bulgary, to present "Cosmic Galactic Solar Radiation exposure and the Genetic Effects on Argentinean International Flight Attendants" at the Bulgarian Academy of Sciences. He is an Emeritus Member and Associate Fellow of AsMA.



EURADOS-Vincente R. Ciancio, M.D. (left), with Prof. Warner Ruehm (right) at the EURADOS Annual Meeting.



Bulgary-Vincente R. Ciancio, M.D. (right), with Prof. Tsvetlan Dachev (left), who invited Dr. Ciancio to present at the Bulgarian Academy of Sciences.

In Memoriam Graeme Maclarn, M.B., B.S.

Graeme Maclarn, M.B., B.S., D.Av.Med., M.Eng.Sci., FRAeS, died in April. He was a recipient of the 2005 John A. Tamisiea Award



for his outstanding contributions to the art and science of aviation medicine in its application to the general aviation field. Dr. Maclarn was an aviation medicine consultant who practiced in Sydney, Australia. He had been an Aviation Medical

Examiner (AME) for the Australian Civil Aviation Authority for over 25 years and was one of the most experienced AMEs in Australia. He had also served as a medical examiner for the FAA and Transport Canada, and for the Civil Aviation Authorities of New Zealand and South Africa. He also was an aviation medicine consultant to Japan Airlines and South China Airlines and also the NSW Branch of the Guild of Air Pilots and Air Navigators.

Born in 1952, Dr. Maclarn received his initial medical degree (M.B. B.S.) from the University of NSW, Sydney in 1977. His initial aviation medicine training was at the Royal Australian Air Force Institute of Aviation Medicine. Following hospital training in surgery and pediatrics, he was appointed a Visiting Medical Officer to the Coffs Harbour Base Hospital until 1981. In 1982 he began an aviation medicine practice on Sydney's Bankstown Airport.

From 1982 to 1990 Dr. Maclarn was an Honorary Clinical Teacher in The School of Community Medicine at the University of NSW. During that time he developed an Aviation Medicine Elective for Undergraduate Medical Students. From 1986 until 1994 he was the Aviation Medicine Instructor for the Associated Diploma in Aviation Medicine at the Sydney Institute of Technology where he taught aviation medicine to candidates for the Commercial and Airline Transport Pilot Licence. He also taught Aviation Medicine to flying instructors as part of the Flying Instructors Refresher Course Program from 1985 until the program ceased in 1995.

Dr. Maclarn studied at the Royal Air Force Institute of Aviation Medicine, Farnborough, and obtained his Diploma in Aviation Medicine from the Royal College of Physicians of London, in 1990. In 1997 he received a Master in Engineering Science, majoring in Aerospace Engineering, from the University of NSW. His thesis investigated the "Finite Element Modelling of Injuries Caused by Aircraft Impact." In 1992, with

the withdrawal of funding for Aviation Medicine Examiner Training, he established and became foundation President of the Aviation Medical Society of Australia and NZ (New South Wales Branch) Inc., now Aviation Medicine NSW Inc. In that role, he was responsible for organizing the continuing professional development training of Aviation Medicine Examiners in New South Wales. His efforts to bring many truly eminent aerospace experts to Australia to lecture at meetings enriched the professional life and knowledge of Australian AMEs and were instrumental in maintaining and improving the standard of aviation medical assessments in Australia. Dr. Maclarn himself was invited to speak at many scientific meetings in Australia and overseas, including the Aerospace Medical Association meetings, Civil Aeromedical Association meetings, FAA seminars, and Australian conferences.

A member of AsMA since 1985 and an Fellow since 2007, Dr. Maclarn continued to be involved in AsMA activities through the Education and Training and Aviation Safety Committees and he will be sorely missed at the annual meetings where he could liven up any activity, He was a co-author on the Position Paper on the Age 60 Rule, published in Aviation, Space, and Environmental Medicine. He was a member of the Australasia Society of Aerospace Medicine, International Society of Air Safety Investigators, and a Fellow of the Royal Aeronautical Society. He was elected to membership in the International Academy of Aviation and Space Medicine in 2000. He held both fixed and rotary wing pilot's licenses, Multi Engine Command Instrument, Aerobatic and Formation ratings, and had over 8500 flying hours. He was also a past New South Wales Aerobatics Champion.

AsMA Associate Fellows Elected

The following members of AsMA have acheived Associate Fellowship status and were approved by Executive Committee:

Mark S. Adams, D.Av.Med.; Richard D. Baker, M.D.; Teresa O.Bassey, M.D.; W. A. Bateman; Rosalyn B. Beaty, M.D.; Lee G. Beyer, M.D.; Timothy J. Broderick, M.D.

Anna-Maria Carvalho, M.D.; Austin H Chhoeu D.O.; Chun Hon Chong, M.D.; Charles A. Ciccone, D.O., M.P.H.; Heath M. Clifford, B.A., M.A., M.Ed.; Joseph V. Cohn, Ph.D.; Matthew M. Coope, r M.D.; Kory Cornum, M.D.; John S. Cramer M.D.

Diane L. Damos, Ph.D.; Jeffrey H. Davis, M.D.; R. Shane Day, D.O., M.P.H.; Warren V DeHaan O.D.; Peter J. Dempsey, D.O., M.A., M.S.; William W. Dodson, M.D.; Ben Douglas, D.Av.Med.; James M. Duncan, M.D.

Nidal El Rimawi, M.D., M.Sc. Montaser F. El-Khaldy; William R. Ercoline, Ph.D.; Sally A. Evans; John G. Faris; R. Wesley Farr, M.D., M.P.H.; Peter R. Fenwick, M.D.; Victor Folarin, M.D.; Kenneth L. Fong; Arthur J. French III, M.D.; Paul Friedrichs; Masanori Fujita, M.D.

David W. Gibson; Louis G. Gilleran, M.D.; Jennifer Giovannetti; Sheri L. Gladish; Russell K. Gore, M.D.; Kendall B. Green, M.D., Ph.D.; Marc O. Griofa, M.B.; Lawrence T. Guzy, Ph.D.; Bernd Haaff, M.D.; Carla Hackworth, Ph.D.; Gregory V. Hampson, M.B.,B.S.; Glen C. Hawkins, M.D.; Bret D. Heerema, M.D., M.P.H.; John S. Held, M.D.; Byron C. Hepburn, M.D.

Gaylen S. Johnson, M.D.; Ben J. Johnston, M.B.,Ch.B.; Sutuspun Kajornboon, D.Av.Med.; Tovy H. Kamine, B.S., M.D.; Gary G. Kay, M.S., Ph.D.; Munna Khan, Ph.D.; Glenn W. Knox, M.D.; Janeen Adrion Kochan, Ph.D.; Dennis W. Korpman, M.D.; Jeffrey V. Kyff, D.O.; Jeffrey A. Lawson, M.D.

Ann-Katriny Lehr; Richard Leland; Mark T. Loeffler, Dr.med., M.D.; David J. Louis, M.D.; Tommy L. Love, D.O.; Rene Maire, M.D.; Fredric A. Marks, M.D.; Thomas V. Massa; Charles H. Mathers, M.D., M.P.H.; Akiko Matsumoto, M.D., Ph.D.; William A. McDonald, M.D.; Michael R. McGuire, M.D.; Richard A. McKinley, Ph.D.; Scott A. McLeod, M.D.; Stephen C. Merriman, M.A.; Robert M. Monberg; Jeffrey L. Moore, B.S., D.O.; Luis A. Moreno, M.D.

Anders L. Nielsen, M.D., M.P.H.; Rose M. Ong, M.D.; Dolores Y. Ortega-Largo, M.D.; Olasunkanmi K. Oyetunde, M.B.,B.S.; William H. Paloski, B.S., M.S., Ph.D.; Mimi I. Peak, M.D., M.P.H.; Benjamin K. Pei; Andrew R. Peters , D.Av.Med., M.B.,B.; Shean E. Phelps, M.D., M.P.H.; Wayne M. Pritt, M.D., M.P.H.; Leonardo Profenna, M.D., M.P.H.

Roland Quast, Dr.med.; Douglas C. Randell; Randal Reinertson, Ph.D.; Jon M. Riccitello, B.S., M.D.; Luis R. Rivero, M.D., M.P.H.; Sean K. Roden, M.D.; Richard A. Roller, M.D., M.P.H., M.S., Ph.D.; Lars Rosenkvist, D.Av.Med.; Keith Ruskin, M.D.

Henry J. Schwartz, M.D.; Paul Sciriha, M.D.; Brian P. Self, Ph.D.; Sergio Seoane, M.D.; Ronak V. Shah, D.O., M.B.A.; Chung M. Siedlecki, M.D.; Thomas G. Smith, M.B.,B.S.; Richard O. Speakman, M.D.; Michael S. Stephens, M.D., Ph.D.; John R. Stewart, M.D.

Sarady Tan, M.D.; Marcus K. Taylor, Ph.D.; Mark Thoman, M.D.; Rani G. Tolton, M.D.; Gian Carlo Treggi, M.D.; Pierandrea Trivelloni; Michael J. Trudgill; Ronald C. Tutt, M.S., O.D.; Virgilijus Valentukevicius, D.Av.Med.

Allan E. Ward, M.D., M.P.H.; Sharmila D. Watkins, M.D., M.P.H.; David E. Webster, M.D., M.P.H.; Joe B. Wilkinson, M.D.; Jeffrey S. Woolford, M.D.; Brett A. Wyrick, D.O.

New Members

- Anderson, Eric E., LTJG, USN, Oak Harbor, WA
- Canup, Ross M., Capt., USAF, Holloman AFB, NM
- Cherry, John J., Surry Hills, NSW, Australia Hardy, Hardy M., FAA Aviation Safety
- Inspector, Eliot, ME
- Khpal, Muska, M.D., Northampton, UK
- Lasser, Steven D., M.D., Canandaigua, NY
- Littel, Cory J., LCDR, USN, M.Ed., Patuxent River, MD
- Marymann, Kimberly, LT, USN, NAS Patuxent River, MD
- Moore, John E., D.O., Pensacola, FL
- Ramos, Alejandro, Albuquerque, NM Robinson, Michelle A., Chorley, Lancashire,
- UK

NEWS OF CORPORATE MEMBERS

Shoreland, Inc. Is Newest Corporate Member

Shoreland, Inc., a medical publishing company located in Milwaukee, WI, is the newest Corporate and Sustaining Member of the Aerospace Medical Association. They provide health care professionals with near-real-time data and recommendations for preventive and protective measures related to international health risks and location-specific medical and environmental threats. They have published Travax, a website that medical professionals and organizations can use to prepare for health threats and other concerns that come with international travel, since 1986. This website can also be used by organizations to plan and support their operations abroad. Shoreland has offices in Milwaukee, WI, Arlington, VA, and Burlington, VT.

In addition to Travax, Shoreland publishes a travel health companion, a travel and routine immunization reference guide, and a travel clinic operations guide. They produce nuanced recommendations to guide decision-making regarding health and safety issues in any area of the world, providing up-to-date knowledge and carefully reasoned recommendations. Their publications are developed with help from medical advisors and their staff draw their data from more than 100 international health resources. One of their goals is to provide information that is focused for the individual traveler's needs as well as for governmental and international organizations. For more information on this company, please visit their website at http://shoreland.com/.

ETC Awarded Contract for Aeromedical Facility

Environmental Tectonics Corporation (ETC) was recently awarded an upgrade contract to modernize an aeromedical center in eastern Europe for an undisclosed customer. The contract will include a total upgrade of the existing aeromedical training facility. The project is being accomplished by ETC's Aircrew Training Systems (ATS) division and will take 20 months to complete. The aeromedical center upgrade project will include two new systems and the upgrades of the existing altitude chamber and human centrifuge. In order to minimize the training interruptions, ETC will use a staggered schedule.

— From a press release found at http://phx. corporate-ir.net/phoenix.zhtml.

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To see more News of Corporate Members, please visit www.asma.org/ journal/html_ news/corporate_news.php.

Future AsMA Meetings

May 13-17, 2012 Atlanta Hilton Atlanta, GA

May 12-16, 2013 Chicago Sheraton Chicago, IL

May 11-15, 2014 San Diego Hilton San Diego

May 10-14, 2015 Walt Disney World Swan and Dolphin Hotel Lake Buena Vista, FL

Features in the Membership Database

Our membership database has some features that may interest you. You can enter your spouse's name and choose whether to publish it with your profile. You can also store your AMA Physician's number, as well as AAFP and AOA numbers. All you need to do is log in to the Member Home and click on View or Change My Info. Then when your record comes up, you scroll all the way to the bottom. The box marked "Include in Directory?" must be checked if you want others to be able to see this information. In addition, there is a feature to allow you to post a photo (called 'logo') to the site. The file must be under 200 KB and again you have to click "publish" if you want others to be able to see it. It's not exactly Facebook, but at least you will be able to get an idea of what we look like!

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