

ASSOCIATION NEWS

Ortega is President-Elect of AsMA; Vermeiren Installed as President

Hernando J. "Joe" Ortega, Jr., M.D., M.P.H., has been elected as President Elect of the Aerospace Medical Association (AsMA). The election was held at the Annual Business Meeting during the 89th Annual Scientific Meeting of the Association, May 8, 2018, at the Hilton Anatole Hotel, Dallas, TX.

Dr. Ortega first earned a B.S. in Biology at the University of Georgia in Athens in 1981. He received his M.D. from the University of



Tennessee Health Science Center in Memphis in 1986 and served an internship in General Surgery at Wilford Hall Medical Center, San Antonio, TX, from 1986–1987, then a Residency in Aerospace and Occupational Medicine from 1998–2001. He later earned an M.P.H. in 1999 at the Harvard School of Public Health in Boston, MA. From 1987 to 1998 and 2001 to 2003, he had multiple assignments as a USAF and NASA Flight Surgeon. In 2003, he became Squadron Commander at the 473rd Aerospace Medicine Squadron at

Yokota AB, Japan. In 2005, he became Deputy Hospital Commander, 35th Medical Group, at Misawa AB, Japan. In 2006, he transferred to Kunsan AB, Korea, to serve as Commander of the 8th Medical Group. In 2007, he was assigned as Command Surgeon of the Air Force Intelligence, Surveillance, and Reconnaissance Agency. He transferred in 2012 to become Chief of the Aerospace Medicine Division, Air Education and Training Command, a position he held until 2016, when he retired as a full Colonel. In 2012 he also became Vice Chair, Aerospace Medicine, with the American Board of Preventive Medicine.

Dr. Ortega has written several peer-reviewed articles, a white paper on Telewarfare and Military Medicine, and a book chapter on "Space and Entry Motion Sickness" for Barratt and Pool's "Principles of Clinical Medicine for Space Flight." He has given over 75 presentations at scientific meetings, academic symposia and policy forums. His teaching experience includes being Clinical Assistant Professor, Department of Preventive Medicine and Community Health for the Residency in Aerospace Medicine at the University of Texas Medical Branch at Galveston from 1996 to 2007. He was a Lecturer for the USAF School of Aerospace Medicine, Aerospace Medicine Primary course & Residency in Aerospace Medicine from 2007 to 2016. He is a member of the Aerospace Medicine Exam Subcommittee for the American Board of Preventive Medicine.

During his career as a flight surgeon, he was one of a handful of vanguard physicians coping with and developing the new and improved "lineup card" of human factors concerns associated with the newer, more powerful combat capable F-16 A/B/ C/D models. His in-flight mitigation strategies, such as the "slap-shot" neck maneuver or the "slim-Jim" abdominal squeeze are still used today to limit neck or lower back strain and injuries in high-G high performance aircraft. His outstanding work at Patrick AFB, FL, earned him selection as the Air Combat Command (ACC) Flight Surgeon of the Year. He was even by-name requested to take a position at NASA's Johnson Space Center, Houston, TX. During his residency, he brought the USAF's well-studied concepts on fatigue and operations to the nation's medical residential 80-hour work week discussion. Now the lead AMA delegate for AsMA, he still brings the Air Forces' and Aerospace Medicine perspective and needs to the American Medical Association (AMA) House of Medicine.

Dr. Ortega is the Founder and Managing Member of Flight Docs Unlimited, LLC, in San Antonio, where he is presently working on two U.S. Air Force contracts, as well as Consulting Director of Operational Flight Medicine for Neurostat Analytic Solutions. He is a member and Past President of the Society of USAF Flight Surgeons and the American Society of Aerospace Medicine Specialists. He is also a member of the International Academy of Aviation and Space Medicine, the Association of Military Surgeons of the United States, the American College of Occupational and Environmental Medicine, and the House of Delegates

of the American Medical Association. He is a Fellow and past Treasurer of the Aerospace Medical Association.

Roland Vermeiren, M.D., was installed as President during the Council meeting, Thursday, May 10. He is Chair of the EUROCONTROL Medical Board and Head of Medical Services, Principal Medical Advisor (European Organization for the Safety of Air Navigation), Brussels, Belgium. [For a more complete biography of Dr. Vermeiren, please see *Aerosp Med Hum Perform.* 2017; 88(8):804.]

Other elected officials are: Vice Presidents: Charles DeJohn, D.O., James DeVoll, M.D., M.P.H.; **Treasurer:** Nereyda Sevilla, Ph.D.; **Members-at-Large:** Peter H. U. Lee, M.D., Ph.D., Cheryl Lowry, M.D., M.P.H., M.S.S., Patricia MacSparran, M.D., M.P.H., and Eduard Ricaurte, M.D., M.S.



50-YEAR PINS: (Upper) AsMA President for 2017–18, Dr. Valerie Martindale, honors Dr. Russell Rayman (former EVP of AsMA) with a pin commemorating his 50 years of membership in AsMA. (Middle) Dr. Paul Ramaut receives his 50-year pin from Dr. Martindale. (Lower) Paul Sheffield (left), who could not be present at the meeting, received his 50-year pin from Tom Workman (right).

**AEROSPACE MEDICAL ASSOCIATION
HONORS NIGHT AWARDS
Dallas, TX, May 10, 2018**

Valerie Martindale, Ph.D., CAsP, FAsMA, President of the Aerospace Medical Association, presented 21 awards to outstanding members during the Honors Night ceremonies at the 89th Annual AsMA Scientific Meeting, May 10, 2018, at the Hilton Anatole Hotel in Dallas, TX. K. Jeff Myers, M.D., Chair of the Awards Committee and Cathy DiBiase, B.S.N., read the citations, assisted by Allen J. Parmet, M.D., and Tracy Dillinger, Psy.D. The names of the awards' sponsors and representatives, when present, are printed in parentheses.

All photos by Pamela C. Day



LOUIS H. BAUER FOUNDER'S AWARD
James T. Webb, Ph.D.
(Jan Stepanek, Mayo Clinic)



ADMIRAL JOHN C. ADAMS AWARD
John Crowley, M.D., M.P.H.
(Walter W. Dalitsch III, Society of US Naval Flight Surgeons)



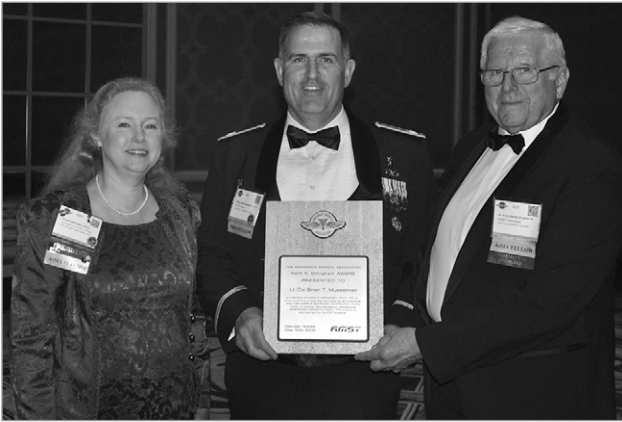
BOOTHBY-EDWARDS AWARD
Martin Hudson, M.B.B.S, MRCP(UK), FRCP Edin.
(Robin Alston, Harvey W. Watt & Co.)



DAVID M. CLARK AWARD
ETC, Robert L. Laurent, Jr.
(Aerospace Medical Association)



JOHN ERNSTING AWARD
Christy Hileman, M.B.A., RHIA, CCS
(Robert Laurent, Environmental Tectonics Corporation)



KENT K. GILLINGHAM AWARD
Lt. Col. Brian T. Musselman, USAF
 (Erich Roedig, AMST)



WALTER AND SYLVIA GOLDENRATH AWARD
Troy P. Faaborg, M.S., CAsP
 (Genie Bopp, AsMA Foundation)



WON CHUEL KAY AWARD
Carlos Staff, M.D.
 (Young Hwan Kwon, Aerospace Medical Association of Korea)



JOE KERWIN AWARD
Erik L. Antonsen, M.D., Ph.D., M.S., FAAEM, FACEP
 (Michelle Frieling, KBRwyle)



MARY T. KLINKER AWARD
Tamara Averett-Brauer, MN, RN
 (Dane Davis, ZOLL Medical Corporation)



SIDNEY D. LEVERETT, JR., ENVIRONMENTAL SCIENCE AWARD
Duane Pierson, Ph.D. (Judith Hayes accepts)
 (George K. Anderson, Environmental Tectonics Corp.)



ERIC LILJENCRANTZ AWARD,
Tarah Castleberry, D.O., M.P.H.
 (Aerospace Medical, PLC)



RAYMOND F. LONGACRE AWARD
Johne Vardiman-Ditmanson, MS, LCDC, SAP
 (Philippe Souvestre, Aerospace Human Factors Assoc.)



THEODORE C. LYSTER AWARD
Hernando "Joe" Ortega, Jr., M.D., M.P.H.
 (Mark L. Jacques, Army Aviation Medical Association)



MARIE MARVINGT AWARD
Jeffery C. Chancellor, M.S.
 (Henri Marotte, French Aerospace Medical Association)



HARRY G. MOSELEY AWARD
Francisco Rios Tejada, M.D., Ph.D.
 (Kathy Hughes, International Association of Military Flight Surgeon Pilots)



JOHN PAUL STAPP AWARD
Phillip Whitley, Ph.D.
 (Dick Leland, Environmental Tectonics Corp.)



JOHN A. TAMISIEA AWARD
Paulo Magalhaes Alves, M.D., M.Sc.
 (Warren Silberman, Civil Aviation Medical Association)



THOMAS J. AND MARGARET D. TREDICI AWARD
Christopher M. Putman
 (Genie Bopp, AsMA Foundation, and Douglas Ivan, Tredici Endowment Fund)



ARNOLD D. TUTTLE AWARD
Douglas Boyd, Ph.D.
 (Michelle Frieling, KBRwyle)



JULIAN E. WARD MEMORIAL AWARD
Rahul Suresh, M.D., M.S., M.P.H.
 (Patricia MacSparran, Society of USAF Flight Surgeons)



PRESIDENT'S CITATION: The Air Transport Medicine Committee was awarded the President's Citation by Dr. Valerie Martindale for the great work they performed on many issues this year. Those members present at Honors Night are pictured here with Chair Elizabeth Wilkinson (second from right), and past chair Martin Hudson (third from left).

Future AsMA Annual Scientific Meetings

May 5–9, 2019
 Rio All Suites,
 Las Vegas, NV

May 17–21, 2020
 Hyatt Regency Atlanta,
 Atlanta, GA

May 23–27, 2021
 Peppermill Resort Hotel,
 Reno, NV

MEETING PHOTO GALLERIES—For more photos from the annual meeting in Dallas, please visit our Photo Gallery page via the AsMA website:
<https://aeromed.smugmug.com/Meetings>.
 All photos by Pamela C. Day.

Minutes of the Aerospace Medical Association 89th Annual Business Meeting

Tuesday, May 8, 2018, Hilton Anatole Hotel, Dallas, TX



Martindale



Sventek

Call to Order (Martindale) A quorum for the meeting was established at 12:11 p.m. on Tuesday, May 8, 2018. Dr. Valerie Martindale, President, called the meeting to order.

In Memoriam (Martindale): The president asked attendees to pause to remember those members who passed away this year.

Recognition of Past Presidents (Martindale): Dr. Martindale invited the Past Presidents of AsMA to rise.

Report of the President (Martindale): This year's business meeting is only 1 hour long, which allows you to go to committee meetings and learn about committee activities. You can also attend poster sessions on the committee activities, however, we will only present those activities at this meeting that are required by the bylaws in order to save you time.

We have collaborated with International Academy of Aviation and Space Medicine and European Society of Aerospace Medicine this year greater than ever. We have several joint meetings in the planning stages and our meeting in 2017 was a success. It will help us to provide more outreach to others around the world.

BasicMed implementation occurred in the past year in the U.S. after the Pilots' Bill of Rights Passage. We need to be active in educating the general medical practitioners who may be called upon to make fitness to fly decisions. We are working with AOPA to get this done.

Report of the Executive Director (Sventek): "Madam President, officers, and members of the Aerospace Medical Association, it is my pleasure to report that this past year was extremely active and highly successful. I especially want to recognize all who volunteered this past year to help move the Association forward. Thank you for your continued strong support of the Aerospace Medical Association. I'd also like to recognize the Headquarters Office staff and our journal independent contractors. They work hard every day to provide a high quality scientific journal as well as outstanding customer service and administrative support to our members.

AsMA membership seems to have stabilized at around 2,000 paid and active members. As of this report, AsMA membership total 2,009. The Vice President of Member Services designed a post card and asked the AsMA Staff to send out to all who had allowed their membership to lapse in the previous year. The post card was designed as a reminder to those who may have forgotten to renew their AsMA membership and as encouragement to those who may have allowed the memberships to lapse but wanted to rejoin. As a result of this post card mailing, AsMA returned approximately 12 members. Other ideas for improving membership renewals and increasing memberships are being discussed for 2018.

As of this morning, total registration for this meeting is 1,445, compared to 1,506 at the same time for the 2017 meeting. Of that total, 1,324 were registered in advance of the meeting and 121 atten-

dees registered here on site. This represents a decrease of 61 attendees or 4% below the 2017 meeting in Denver. Revenue from our Annual Scientific Meetings represents a large portion of our annual operating budget.

AsMA Executive Committee approved the expenditure of \$9,400 for a one-year subscription to Survey Monkey Apply. This new application offered scholarship and award applicants an online system for submitting their applications and required documentation. Survey Monkey Apply also allowed AsMA to assign reviewers for each scholarship and award who were automatically notified when a new scholarship or award application had been submitted. Reviewers were able to view the applications and uploaded documents online and score the scholarship or award application online. Working with the AsMA HQ Staff, all scholarships and AsMA awards were reviewed and decided digitally rather than via PDF files. Feedback from applicants and reviewers indicated the Survey Monkey Apply system was much better than the cumbersome process of sharing PDF files. The Survey Monkey Apply system did offer some challenges though. As a result, I have been in contact with another company, OpenWater, that offers a similar system. The OpenWater system could be used for AsMA awards, scholarships, scientific abstract management, and to replace the very cumbersome AsMA Fellows form. Pam Day and I have both received demonstrations of the system and we have both communicated with similar associations that have been using the OpenWater platform. Based upon our review of the OpenWater system, we recommended the AsMA Council approve the \$13,000 expenditure.

As a 501(c)(3) charitable organization, the Aerospace Medical Association may solicit for donations as part of its operations. AsMA is registered to operate within the Commonwealth of Virginia but has members in nearly every U.S. state. Each state within the U.S. has different requirements for soliciting donations from their residents. Most exempt charitable organizations that operate under Section 501(c)(3) of the Internal Revenue Service to solicit donations without registering with the state as long as those solicitations are only applied to members of the Aerospace Medical Association. A few states required 501(c)(3) charities to register with the state and annually report solicitation activities even if those solicitations were limited to AsMA members. I am pleased to report that AsMA has applied with all of the states requiring registration and we have been approved by most.

Finally, I am required to report the Aerospace Medical Association financial status for 2017. I will leave the details to our Treasurer to explain but I am pleased to report that our 2017 financial records completed a full audit by Gross Mendolsohn & Associates, P.A. on April 26, 2018. According to the Audit Report, "The financial statement disclosures are neutral, consistent, and clear. We encountered no significant difficulties in dealing with management in performing and completing our audit. For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit."

GOVERNANCE (Vermeiren):

Nominating Committee (Scarpa): Kris Belland provided the slate of officers for vote: President-Elect, Hernando "Joe" Ortega; Vice Presidents, Jim DeVoll and Charles DeJohn; Treasurer: Nareyda Sevilla; and Members at Large: Cheryl Lowry, Peter Lee, Patricia MasSparran, and Eduard Ricuarte. The slate of officers was accepted unanimously.

Bylaws Committee (Baisden): No Bylaws changes this year!

Treasurer's Report (DeVoll): We are very fiscally solvent. The data from this report is taken from our CPA, Susan Barnes, who does a wonderful job providing statements throughout as well as from UBS Financial Services.

For the past year, our net income was \$117K excess profits, highest total net ever, but more expenses within budget. This includes rev-

enue but also includes depreciation and potential value of assets, not just liquid assets.

For 2017, our ordinary income was \$125K with excess profits/excess ordinary revenues exceeding performance since 2010. This number does not include potential value and potential loss, only real assets. This is income versus expenses

For the past several years, we have experiences profitable Annual Scientific Meetings. Our income for the 2017 Annual Scientific Meeting was \$460K.

We had losses in the area of membership general revenues and for the journal general revenues. However, these are offset by the revenues generated by other activities and they are part of the organization's core as a scientific association. They are well managed by the home office.

Our reserves have been largely managed through our investment firm -- UBS Performance. For 2010, our investment portfolio baseline was \$649K. For 2017, we had \$906K in our UBS portfolio. Since 2010 we have contributed a net of \$55K to the portfolio. Overall we have experienced a consistent growth at 6% or greater per year.

Bottom line for AsMA earnings -- in 2014 we had a \$82K net gain, in 2015 it was \$113K, in 2016 it was \$155K, and in 2017 it was \$117K. Including our building and UBS assets, our total estimated reserves are between \$2.56M and \$3.81M

Our original strategic financial goals have been met, but the ExCom and the Council are looking at future strategic goals. Our investment strategy is good now, especially within concerns from the current market. We have matured our financial management system to be consistent with the activities of the Association.

REPRESENTATION AND ADVOCACY (Alex Garbino):

Resolutions Committee, Douglas Boyd -- We have sent out 5 resolutions this year for review. They have gone forward for voting to the general membership.

EDUCATION AND RESEARCH (DeJohn):

Science and Technology Committee -- For anyone interested in

the gap analysis project, we have ongoing meetings, but had our first general meeting yesterday

History and Archive Committee -- AsMA archives have been determined to stay at Wright State University by the AsMA Council.

Education and Training Committee -- "This is Aerospace Medicine" slides are now updated and will be on website shortly. The committee also created information on the BasicMed program and will be posted on our website by the communications committee.

MEMBER SERVICES (Dalitsch):

Corporate and Sustaining Committee brought on several new corporate members this year.

Membership meeting will take place after this meeting in the Emerald room.

Awards Committee -- Jeff Myers is handing it over to Cheryl Lowry.

INTERNATIONAL SERVICES (Vermeiren for Volker Damaan):We are on track for the next joint ASMA/ESAM scientific program in Prague in Sept. We are working on the 2020 Paris joint meeting. We will likely have ICASM/ESAM/ASMA as well as the French Association joint meeting as the first truly international meeting.

Report of the AsMA Foundation (Broadwell): The Foundation manages donations to provide grants and scholarships. The Foundation is growing nicely -- \$408K in the fund. Some open, but most money directed at specific scholarships and activities. This combined with donations made it possible for two recipients of the Anita Mantri Ph.D. Memorial Scholarship. We provided a budget for the annual Trumbo Run/Walk.

Old Business: None

New Business: None

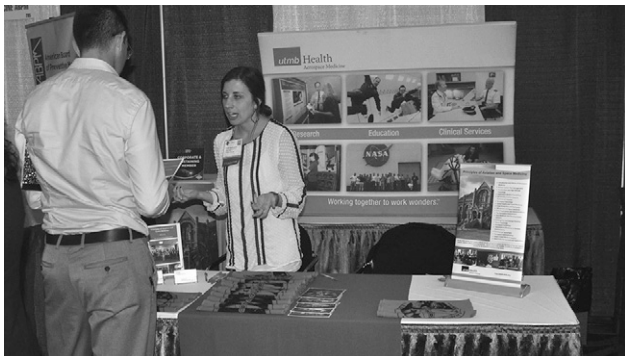
Adjourn: The meeting adjourned at 12:51 p.m.

Jeffrey C. Sventek, M.S., CASP, Executive Director
Brian Pinkston, M.D., Secretary



ANNUAL LECTURERS: ((Top Left) The 64th Annual Louis H. Bauer Lecture, "High Altitude Physiology Without an Engine," was given by Morgan Sandercok (center). The lecture is sponsored by KBRwyle, represented by Vernon McDonald (right). AsMA President, Dr. Valerie Martindale is pictured (left). (Lower Left) The 5th Annual Reinartz Lecture, "Genomic Medicine: What, How and Where?" was given by Ronald M. Przygodzki, M.D. Funding for this lecture is provided by the Eugen Reinartz Memorial Fund. AsMA President Dr. Valerie Martindale is pictured (left). (Above) The 53rd Annual Harry G. Armstrong Lecture, "From Here to Mars: How the Twins Study and the Year-Long ISS Mission have Moved Us Closer to the Red Planet," was given by John B. Charles, Ph.D. (center). Educational support was provided by Environmental Tectonics Corporation, represented by Bob Laurent (Left). AsMA President, Dr. Valerie Martindale is pictured (right).

Corporate Members Exhibiting at AsMA 2018 Annual Meeting



Exhibitors at AsMA 2018: There were 31 exhibitors at this year's AsMA Annual Scientific Meeting in Dallas. Of these, 8 (>25%) were Corporate Members. From top left to bottom right they are: the Aerospace Medicine Residency Program at UTMB, EnviroNics Inc., Environmental Tectonics Corporation, Go2Altitude (Biomedtech Australia), KBRwyle, Konan Medical USA, Medaire Inc., and Monash University Aviation Medicine Unit. All photos from Pamela C. Day. A photo gallery of the exhibitors is available at: <https://aeromed.smug-mug.com/Meetings/2018-89th-Annual-Scientific-Meeting-Exhibitors/>.



The President's Reception was sponsored by Harvey Watt & Co., represented by Sean Daigre (left) and Robin Alston (right) with AsMA President Dr. Valerie Martindale.