

President's Page

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As you enjoy your summer (or winter if you are in the southern hemisphere) I hope you have had some time to rest and recoup and to reflect on any resolutions you made at our last annual scientific meeting. Our meetings certainly reenergize us as we exchange information and ideas. As the phrase goes, "Carpe Diem," so I hope you seize each day and become the change in the world you wish to see. Let me update you on some recent AsMA changes. We welcomed the Society of NASA Flight Surgeons as our latest constituent organization. As such, they will have a voting seat on AsMA Council. We have endorsed an American Medical Association resolution to help educate and guide physicians on in-flight medical emergencies. We have completed a position paper on sleep apnea screening in pilots. We even have a new AsMA coin! Certainly, our first priority is education and research, but a second priority is advocacy and making a difference in our field. Here is a story from Russell Rayman, our former Executive Director, on how he has helped make a difference in Aerospace Medicine with AsMA.

A Second Priority

Decades ago when I went into the Air Force as a flight surgeon, I became a member of AsMA. Although I cannot remember exactly when, the FAA at that time called for a working group to review its medical standards. I was astonished (and appalled) that AsMA, as our specialty's preeminent professional organization, was not invited to participate. I wondered why AsMA was ignored and why there were no voices raised in objection. As a young, unknown captain at a time when seniority was everything, my objection was barely a whisper. In private discussions I was told that the Association's *raison d'être* was education and that there was little interest in advocacy. And the few times that AsMA did advocate, it was with a very tempered voice. There was no boldness or willingness to do anything that might be unpopular.

I was in full agreement that education should be AsMA's first priority, but I also believed in a second priority----advocacy. Advocacy is an obligation of any professional organization. In our case, it can well serve civil aviation, military aviation, the space program, our broad patient population, and the public.

I promised myself I would do everything I could to take AsMA on this new course. That opportunity came



Philip J. Scarpa, Jr., M.D., M.S.

in 1992 when the President, Dr. Michael Berry, informed me that I had been selected as the Executive Vice President upon the retirement of Dr. Rufus Hessberg.

Over the past 20 years, the Council, Executive Committee, and the membership began giving increasing attention and emphasis to advocacy. Procedures were developed, debate ensued over aerospace medicine issues brought to our attention, and our recommendations germane to each issue were published. It was not long before the media, Congress, and government agencies heard our voice. Our position on aerospace medicine issues has been regularly sought by the networks, CNN, and BBC; we have been invited to participate in various governmental working groups, such as the FAA, GAO, and the Institute of Medicine, addressing aerospace medicine issues; and on several occasions, AsMA has appeared before Congressional committees giving testimony.

The breadth of our advocacy program is astonishing. We have published well over 100 position papers, resolutions, and letters since 1991. Some examples include our support of an in-flight Good Samaritan Law, prohibition of smoking in flight, onboard emergency medical kits and automated external defibrillators, cockpit resource management, human spaceflight, go-no go pills, and medical oxygen.

For a complete listing see the Policy Compendium on our web site. I believe these efforts have made a positive difference in the field of Aerospace Medicine and which continues under our new AsMA leadership today.

Association News

Belland Elected as AsMA President Elect

CAPT Kris M. Belland, MC, USN, has been elected President-Elect of the Aerospace Medical Association (AsMA). The election was held at the Annual Business Meeting during the 85th Annual Scientific Meeting of the Association, May 13, 2014, at the Hilton San Diego Bayfront, San Diego, CA. More than 1,300 AsMA members and other researchers and presenters attended the event. Belland, who currently serves as Navy Medicine Operational Training Center (NMOTC) Executive Officer, will automatically succeed to the presidency of AsMA in 2015.



Captain Belland is a graduate of the United States Naval Academy (1984) and the Philadelphia College of Osteopathic Medicine (1989). He is board certified in Family Medicine and Aerospace Medicine. Additional degrees include a Master of Strategic Studies from the USAF Air War College (2002), a Master of Business Administration from Western Governors University (2006), and a Master of Public Health from USUHS (2008). Belland has been certified as a Physician Executive by the American College of Physician Executives and holds a Lean Six Sigma Green Belt certificate from Villanova University. He recently completed a certificate in Human Systems Integration from the Naval Postgraduate School.

Belland's operational assignments began in 1991 aboard the aircraft carriers USS *Midway* (CV-41), USS *Independence* (CV-62), and USS *Carl Vinson* (CVN-70) during Operations Desert Storm and Southern Watch as the flight surgeon for Carrier Air Wings Five and Fourteen, respectively. In 1997, Belland earned naval aviator wings and was qualified in the F/A-18 Hornet. He was then utilized as a dually designated senior flight surgeon for NSAWC. From 2002 to 2004, Belland was the Senior Medical Officer and Battle Forces Seventh Fleet Surgeon aboard the USS *Kitty Hawk* (CV-63), deploying in support of Operation Iraqi Freedom. He has accrued over 1,500 hours of flight time in various aircraft, including the F/A-18, F-14, EA-6B, and S-3, with over 112 arrested landings and 25 combat missions over Iraq. He next served as Third Fleet Surgeon.

Belland served as Director of Health Services, Director of Surgical Services, Director of Primary Care, and interim Executive Officer at Charleston Naval Hospital. He was the first Navy's physician to attend the USAF Air War College's residence program.

Belland's most recent assignment was as Force Surgeon for COMNAVAIRFOR.

During this tour, he deployed as an Individual Augmentation (IA) for Operation Unified Response (OUR), disaster relief operations for the 2010 Haiti Earthquake, as the acting Fourth Fleet/ NAVSOUTH Surgeon. During Operation Tomodachi, disaster relief assistance for the 2011 earthquake and tsunami, Belland was in Yokosuka, performing as the C7F Liaison Officer to CNFJ. Military awards include the Legion of Merit, Meritorious Service Medal (three awards), Strike Flight Air Medal, Navy Commendation (two awards), and Navy Achievement Medal (two awards). Other awards include the 1993 Operational Flight Surgeon of the Year Luehrs Award, 2000 Sonny Carter Memorial Award, 2001 Air Force Historical Foundation's Award in Research and Writing, 2009 Aerospace Medical Association's Theodore C. Lyster Award, 2011 Society of U.S. Naval Flight Surgeons' Ashton Graybiel Award, and 2011 William E. Collins Award for outstanding publication in the field of human factors. Dr. Belland is a Fellow of the Aerospace Medical Association and is a former Vice-President of the organization. He has served on various committees and has chaired the AsMA Awards committee.

Scarpa Inducted as AsMA President

Dr. Philip J. Scarpa, Jr. is the Deputy Chief Medical Officer at the NASA-Kennedy Space Center, FL. Dr. Scarpa oversees all aerospace medical operations, ground systems development, biomedical research, and medical education at the spaceport. Over his career he has supported approximately 60 space shuttle missions. He received the Astronauts' Personal Achievement Award (Silver Snoopy) in 2000. Dr. Scarpa is also an Associate Professor at the University of Texas Medical Branch in Galveston, TX, and at the Wright State University School of Medicine in Dayton, OH.

Dr. Scarpa was born in New Jersey and obtained a bachelor of science degree from Rutgers University in 1983 and a medical doctorate from the University of Medicine and Dentistry of New Jersey in 1988. He also obtained a Masters in Science from the Wright State University, OH, in 1993.

Originally trained in Internal Medicine, he is now board certified in Aerospace Medicine and Occupational Medicine. Dr. Scarpa has several published articles on space medicine and physiology and holds a U.S. provisional patent for a small portable device for the production of water for injection. His recent publications are in the fields of medical device testing, space radiation, and EMS support operations. He has also recently authored chapters in two books, one on space toxicology and the other on the Shuttle Columbia accident.

Dr. Scarpa became a member of AsMA in 1986 and an AsMA Fellow in 2002. He is a past-President of the Space Medicine Association and the Society of NASA Flight Surgeons. He has served on several AsMA committees, been the Chair of the Arrangements Committee and of the Scientific Program Committee and reviewer for the AsMA journal. Dr. Scarpa has served on the AsMA Council and Executive Committee for the past seven years as Member-at-Large and Vice President for Representation and Advocacy before becoming President-elect overseeing AsMA governance.

Other Officers:

- Vice President, Education & Research: Eilis Boudreau, M.D., Ph.D.;
 - Vice President, International Services: David Gradwell, M.B., Ph.D.;
 - Vice President, Member Services: Valerie Martindale, Ph.D.;
 - Vice President, Representation & Advocacy: Roland Vermeiren, M.D.;
 - Treasure: Hernano "Joe" Ortega, M.D.;
 - Secretary: Carol Manning, Ph.D.
- Members-at-Large (Term expires 2017)
- Volker Damann, M.D.
 - Charles DeJohn, D.O.
 - Nicholas Green, D.Av.Med., M.B., B.S.
 - Dwight Holland, M.D., Ph.D.

Future AsMA Annual Scientific Meetings

May 10-14, 2015
Walt Disney World
Swan & Dolphin Resort
Orlando, FL

April 24-28, 2016
Harrah's Resort
Atlantic City, NJ

April 29 - May 4, 2017
Sheraton Denver Downtown
Hotel Denver, CO

May 6-10, 2018
Hilton Anatole Hotel
Dallas, TX

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

OPENING CEREMONIES AND MEETING PHOTOS



OPENING CEREMONIES BAND--Navy Band Southwest, Naval Base San Diego, CA, played the music during opening ceremonies.



COLOR GUARD--The Marine Corps Recruit Depot Color Guard, San Diego, CA, presents the colors during opening ceremonies.



FIFTY YEAR PIN--AsMA President, James T. Webb, Ph.D., and Air Force Surgeon General Lt. Gen. Thomas Travis, USAF, MC, presented members of AsMA who had been active in the association for 50 years or more with a commemorative pin. Pictured above (Left to right, top to bottom) are: Drs. Lawrence Marinelli, Royce Moser, Jr., Thomas Tredici, Modesto Garay, Harold Walgren, and Ramiro Iglesias.

Right, top to bottom: Dr. Raymond Tamura with Dr. Webb. Dr. Charles A. Berry and his son Mike Berry examine the 50-year pin. Fifty-Year Pin recipients stand together.





BAUER LECTURE--Genie Bopp (left) representing the sponsor Wyle, presents Lt. Gen. Thomas Travis, USAF, MC, Surgeon General of the U.S. Air Force and 60th Louis H. Bauer Lecturer (right), with a token of appreciation for his lecture: "From Health Care to Health and Human Performance--A Vision for the Future of Military Medicine." The lecture was presented Monday, May 12, 2014, as part of the opening ceremonies. The entire lecture will be available to view on the Meetings page of the AsMA website.



REINARTZ LECTURE--Genie Bopp (left), representing the Eugen Reinartz Memorial Fund, and AsMA President James Webb, Ph.D. (right), present John West, M.D., Ph.D., D.Sc., with a token of appreciation for his lecture: "Severe Hypoxia: Lessons from the Summit of Mt. Everest." The lecture was the first Eugen Reinartz Memorial Lecture and was given in a plenary session on Tuesday, May 13, 2014. The entire lecture will be available to view on the Meetings page of the AsMA website.



ARMSTRONG LECTURE--AsMA President James Webb, Ph.D., (left), and George K. Anderson, M.D., (right), representing the sponsor, ETC, pose with Prof. Michael Bagshaw, MM.B.,B.Ch., M.R.C.S., F.F.O.M., D.Av.Med., DFFP, FRAeS, who delivered the 49th Annual Harry G. Armstrong Lecture on Thursday, May 15, 2014. The lecture, "The Cabin Environment and Aircrew Performance," will be available to view on the Meetings page of the AsMA website.



MEETING PHOTOS--1. Dr. Charles Berry and Lt. Gen. Thomas Travis. 2. John West autographs a copy of "Respiratory Physiology" for incoming AsMA President Philip Scarpa. 3. Lt. Gen. Travis poses with his RAM class. 4. Members enjoy a break from sessions. 5. RAM Bowl winners, UTMB RAMs Robert Mulchay, Natacha Chough, and James Patarini. 6. Karen Heupel portrays Amelia Earhart during the history session. 7. Prof. Bagshaw discusses the meeting with Royce Moser. 8. ASHFA members Don White, Carol Manning, and Tom Nesthus. 9. Journal Editor Fred Bonato and Assistant Deb Sventek answer questions concerning *Aviation, Space, and Environmental Medicine* for the last time; next year the new title *Aerospace Medicine and Human Performance* will be presented.

Abridged Minutes of the Aerospace Medical Association 85th Business Meeting

(Complete Minutes are available on the AsMA website in the Members Only section.)

Tuesday, May 13, 2014, Hilton San Diego Bayfront, San Diego, CA



Webb



Sventek

Call To Order (Webb): Jeff Sventek announced at 12:25 p.m. on May 13, 2014 that a quorum of members was in attendance.

Recognition of Past Presidents (Webb): Dr. Webb asked the AsMA past presidents in attendance to rise for recognition.

In Memoriam (Webb): The President asked attendees to pause and reflect on members no longer with us.

Report of the President (Webb): Dr. Webb announced the winner of the Stanley Mohler, M.D., Aerospace Medicine Endowed Scholarship was Mr. Joseph S. Butterfield of Rochester, MN.

The first Surgeons General meeting was held on Monday morning providing an opportunity to communicate and coordinate on matters of common interest. The meeting was led by Lt. Gen. Tom Travis, U.S. Air Force Surgeon General.

The agenda was changed to advance the discussion of the Policy Compendium. An ad hoc committee reviewed the AsMA Policy Compendium, which consisted of 110 documents. The Committee was led by Chuck DeJohn, Chair of the Resolutions Committee, because resolutions are a part of the Policy Compendium. The updated Policy Compendium will be posted online in the near future and will be organized and cross-referenced so you can find topics easily.

Report of the Executive Director (Sventek): Mr. President, officers, and members of the Aerospace Medical Association, it is my pleasure to report that this past year was very active and highly successful. It is the incredible volunteer spirit of our Association members that facilitates our success. Many thanks to all for your continued strong support of the Aerospace Medical Association. I'd 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 nearly 2,300 members.

As many of you know, attendance at our Annual Scientific Meetings is affected by the ability of those attending to garner continuing education credits for their participation. Our Continuing Medical Education (CME) program was reviewed in the fall of 2012 and a decision from the Accreditation Council for Continuing Medical Education (ACCME) was received just prior to the May 2013 meeting in Chicago. That decision letter identified two deficiencies in our CME program, one of which was a repeat deficiency from the 2009 reaccreditation review. As a result, the Aerospace Medical Association's CME program was placed on Probation and required to take actions to correct the deficiencies. We were also required to submit two progress reports to report our corrective actions and provide documentation to prove we were complying with the ACCME standards. I submitted our required progress reports in June and December last year. I am very happy to report the corrective actions approved by our governance bodies for continuing education were reviewed by the ACCME and their March 2014 Decision Letter stated "The ACCME has found that your organization brought the criteria it was required to address into compliance with the ACCME's current accreditation expectations." Our CME program now meets all ACCME standards and we are no longer in a probationary status with the ACCME.

Nurses attend our Annual Scientific Meeting for numerous reasons, but we have not offered Nurse Contact Hours to help them meet their continuing education requirements. In 2013, we received Nurse Contact Hours for a Saturday workshop. It was well attended and a decision was made to expand the nurse continuing education offerings in the 2014 Annual Scientific Meeting. The Aerospace Nursing Society accepted the challenge to submit the necessary documentation to the Montana Nurses Association. This is no small task and Kimberly

Barber, MSN-MBA, RN led the effort to organize and submit the required documents for review. Her efforts resulted in the Nursing Track being approved for 15.1 Nursing Contact Hours. Congratulations on this significant achievement.

As of this morning, total registration for this meeting is 1,355, compared to 1,176 at the same time for the 2013 meeting. Of that total, 1,224 were registered in advance of the meeting and 131 attendees registered here on site. This represents an increase of 179 attendees or 15.2% above the 2013 meeting in Chicago. We extended the Advance Registration rates through the end of April in an effort to provide the U.S. federal agencies more time to make their conference funding decisions. We also worked closely with Mr. Walt Galanty of AIM Meetings and Events and the Hilton San Diego Bayfront Hotel to provide U.S. Department of Defense personnel US government per diem room rates. This will be the last year our room block will be tiered with one rate for U.S. government employees and another rate for all others. Beginning with the 2015 meeting in Orlando, FL, all rooms will be offered at the U.S. government per diem rate.

There are 33 companies exhibiting with us this year using 34 exhibit booth spaces. We very much appreciate our exhibitors and corporate members. They provide our attendees with great insight into the latest technologies and processes to improve the delivery of Aerospace Medicine. We held the AsMA Welcome Reception in the Exhibit Hall again this year and I've received very positive comments for that event. We plan to continue this process next year.

Finally, I am required to report the Aerospace Medical Association financial status for 2013. I will leave the details to our Treasurer to explain but on December 31, 2013 the Aerospace Medical Association reported a loss of \$82,160 for 2013.

GOVERNANCE (Webb)

Committees

Nominating (Anzalone): The Nominating Committee report was delivered by Fanancy Anzalone. The slate of officers identified by the Nominating Committee comprised:

President-Elect: Kris Belland

Vice Presidents: David Gradwell, Valerie Martindale (2 year tenure), Ellis Boudreau (1 year tenure to fill Kris Belland's position)

Members-at-Large: Volker Damaan, Chuck DeJohn, Nicholas Greene, and Dwight Holland

The slate was approved by a voice vote.

Bylaws (Laub): All proposed changes to the Bylaws were approved as printed in the February issue of Aviation, Space, and Environmental Medicine, pp. 206-208.

Finance (Ortega): Joe Ortega discussed how the finances have changed over the past several years. New accounting principles, an audit, and the unexpected problems with the Chicago meeting were factors in the recent losses. We had a \$70K net loss in 2013 as a result of the \$150K reduction of revenue due to the meeting in Chicago. Attendance at this meeting suggests we will do better this year. The overall message is that our finances are looking a little brighter.

REPRESENTATION AND ADVOCACY (Vermeiren)

Committees

Resolutions (DeJohn): Chuck DeJohn reported that no resolutions to consider on the Resolutions Committee this year.

Air Transport Medicine (Hudson): Dr. Hudson reported that the ATM committee had a brief update on the Cabin Air Quality situation. Two studies had been done, the KLM study and the UK study. The results: no negative effects of cabin air quality; however the debate is not over.

The Committee is also looking at the problem of general physicians' lack of knowledge concerning inflight medical incidents and the content of medical kits on aircraft.

The position paper written by Johnson and Hudson on DVT related to traveling was published in the journal in February 2014.

The Committee has been asked to update the medical guidelines on airline travel both for passengers and physicians. They plan to link the guidelines to those of expert associations provided by other nations to avoid repeating work that has already been done. This will be put on the AsMA web site as a living document that will be constantly updated with many links to other sources for passengers and physicians.

The Committee has submitted a report on the issue of Obstructive Sleep Apnea in pilots, noting that they don't want OSA to become the scapegoat for fatigue.

Dr. Paolo Alves is the incoming chair.

Communications Committee Report (Dervay): Sept 5, 2012 was a significant date because it was the worldwide debut of the AsMA web site. After its debut, the web site Capital Campaign was initiated to raise \$30,000 for improvements and upgrades. Contributions are encouraged.

Jim DeVoll is the incoming chair of this committee.

EDUCATION AND RESEARCH (Martindale)

Committees

Aerospace Human Factors (Musselman): Brian Musselman reported that the newly renamed Aerospace Human Performance Committee worked on identifying the changes in the committee's purpose and activities. They also contributed to the discussion of AsMA's Obstructive Sleep Apnea position. The Committee reviewed and provided inputs on several documents in the Policy Compendium.

Steve Veronneau will be Chair of the new Aerospace Human Performance Committee next year.

Aerospace Safety (Martindale for Ricourte): The Committee was very active in contributing to AsMA's response to Congressional interest on replacing the requirement for a 3rd Class Medical Certificate to a state driver's license. They were also active in responding to the FAA's new policy regarding the requirement for a sleep study for Obstructive Sleep Apnea.

Education and Training (Boudreau): The committee worked closely with Jeff on continuing education issues to ensure that AsMA could attain and maintain ACCME accreditation. The Committee is currently working on an education survey to determine what people want and need with regard to continuing education.

The final activity is the proposed FAA policy for screening pilots with body mass indexes (BMIs) over 40. An ad hoc committee is developing a policy statement in support of that policy and providing a background to be sure that everyone had the key information they needed to become educated about the issue. ASAMS have a Clinical Practice guideline on sleep apnea that is highlighted in the position paper. The committee is working closely with ASAMS to have those published together.

Alex Garbino will be taking over as chair of the Committee next year.

History and Archives (Dalitsch): The National Museum of Naval Aviation in Pensacola has approved a proposal for a display highlighting the work of aeromedical professionals, part of which is an historical timeline. Since there is a lot of crossover among the naval aeromedical historical timeline and those of the early army signal corps, army air corps, and civil aviation medicine, it was suggested that a version of the full timeline be posted on the AsMA website with links to supporting historical documents and photographs to help explore the history of Aerospace Medicine.

In addition, Drs. Marchiando and Jacobson are creating a guide to educate museum-goers on the aeromedical aspects of equipment on-board aircraft. It will be posted on the AsMA website.

There are now almost 20 interviews in the Reinartz Project available on the Space Medicine Association's web site. A link to these will be added to the AsMA website.

Science and Technology (Martindale for Fraser): The Committee publishes a Science and Technology Watch column in the journal and welcome contributions. They sponsored a panel this year on modeling of dynamic loading.

MEMBER SERVICES (Belland)

The Society of NASA Flight Surgeons was approved by Council as a new Constituent organization.

Committees

Membership (Belland for Annicelli): The new chair will be Joe Dervay. The consolidated dues payment process will allow AsMA members to pay their dues in constituent organizations at the same time that they pay their AsMA dues. Seven of the constituent organizations have volunteered to participate and test the software.

We are beginning a 3- to 5-yr membership recruitment drive - we want to get to 3K in 5 years. Annicelli personally sent out 500 letters to major recruiting posts including Membership packages, sent personalized emails to more than 200 non-members, and started an AsMA Facebook page. He also reached out to members who were behind in their dues payments. His efforts resulted in at least 123 new members.

Awards (Lowry): The 23 Award Committee members reviewed 53 award nominations. All 19 awards were approved by the AsMA Executive Committee and will be presented on Honors Night.

Next year, the chair of the Awards Committee will be Jeff Myers.

Corporate and Sustaining Membership (DeBois): Because AsMA is now a 501(c)(3) organization, we need to work on the Corporate relationship to our organization. The committee is moving forward in an evolutionary way to reengineer the corporate relationship while protecting CME.

The new chair of the Corporate and Sustaining Membership Committee will be Peter Lee.

Kris Belland announced that the Executive Committee is working on a business strategic plan. A draft plan documenting the process is available to examine. The implementation phase will be next year and then will revisit the plan regularly to do a constant year-to-year update.

INTERNATIONAL SERVICES (Gradwell)

Nearly 450 attendees to this meeting and about a third of the AsMA membership comes from outside the US. This is a trend that will continue and warrants increasing participation and leadership in the Association. David thanked General Travis and the President for bringing together some of the Surgeons General from around the world.

International Activities Committee (Smart): The incoming Chair of the International Activities Committee is Philip Buys. The committee plans to invite Affiliate Organization members to send representatives to Committee meetings and start talking about how they can get a better cross-fertilization of ideas between regions. The Committee wants to look into doing a survey regarding perspectives on international membership.

Closing Remarks (Webb): At the end of the meeting, Dr. Webb thanked Dr. Sarah Nunneley and Fred Bonato for initiating the change in the name of the journal to *Aerospace Medicine and Human Performance*. He also thanked Jeff Sventek and praised the AsMA Headquarters personnel for their support during his term of office. He thanked Lieutenant General Travis for his lecture. He recognized the efforts of the Executive Committee.

Unfinished and New Business: None.

Adjourn: The meeting adjourned at 1:42 PM

Jeffrey C. Sventek, M.S., CAsP, Executive Director
Carol Manning, Ph.D., Secretary

Council Highlights:

Society of NASA Flight Surgeons Approved as Constituent Organization

At the 49th Annual Scientific Meeting of the Aerospace Medical Association in May 1978, the Society of NASA Flight Surgeons was born as an Affiliate of AsMA. The idea for the society was conceived by Dr. Arnauld Nicogossian and nurtured by Drs. Paul Buchanan, Wycliffe Hoffer, and Rufus Hessberg. In 1979, the first President of the Society, Dr. Hessberg, wrote: "With this auspicious start, the future for this fledgling affiliate is bright as the stars in the Universe, the essence of space and the environment for which the member of this Society at one time or another have applied their talents in support of those who have travelled in space. With the advent of the Space Shuttle within the next year, many will become eligible to

join and help in the Society's growth and sustain its motto "Per Aspera ad Astra." Now, after 36 years, the Society has become the 12th Constituent Organization of AsMA. The current President is Sharmila Watkins, MD, MPH.

Aerospace Physiology Certification Board Members Announced

The Council of AsMA approved seven members who sat and passed the Aerospace Physiology Board Certification exam: Babak Alagha, Christopher Cooper, Kathryn Hughes, Daniel Immeker, Mari Metzler, Christopher Murr, and William Scheeler. They can now add CAsP to their credentials. The Chair of the Aerospace Physiology Certification Board Chair is Major James "Wes" Davis, USAF. There were three new Board members approved by Council: Deborah White, Ph.D., Amber Biles, M.Sc., and William Scheeler, B.S. The Board repre-

sentative to Council will remain Vincent Musashe.

Council Members to Serve on Executive Committee

The President appointed Yael Barr, Alex Garbino, and Volker Damaan to serve as Members at Large on the Executive Committee, in addition to the required President, President-Elect, Vice Presidents, Secretary, Treasurer, and Executive Director.

Committee Chairs Appointed

The final discussion at the Sunday Council meeting concerned the method used to select committee chairs. The Policy and Procedures manual says committee chair is usually a 3-year position. Retention is based on quality of service. But the bylaws indicate

See COUNCIL, p. 896..

AEROSPACE MEDICAL ASSOCIATION HONORS NIGHT AWARDS SAN DIEGO, CA, MAY 15, 2014

James T. Webb, Ph.D., 2013-14 President of the Aerospace Medical Association, presented 19 awards to outstanding members during the Honors Night ceremonies at the 85th Annual AsMA Scientific Meeting, May 15, 2014, at the Hilton San Diego Bayfront, San Diego, CA. Col. Cheryl Lowry, USAF, MC, the Chair of the Awards Committee, could not be present, so Col. Kathryn Hughes, USAF, MC, and Allen J. Parmet, M.D., read the citations. The names of the awards' sponsors and representatives, when present, are printed in parentheses.

The Sidney D. Leverett, Jr., Environmental Science Award was presented to Su-Jian Xie, Ph.D., M.D., sponsored by ETC and represented by George K. Anderson, M.D. Dr. Xie was unable to attend and the presentation photo is unavailable.

All photos by Pamela C. Day



LOUIS H. BAUER FOUNDER'S AWARD
James M. Vanderploeg, M.D.
(Clayton Cowl, M.D., Mayo Clinic)



BOOTHBY-EDWARDS AWARD
David M. C. Powell, M.B.,Ch.B., D.Av.Med., D.Occ.Med.
(Warren Silberman, Harvey W. Watt & Co.)



JOHN ERNSTING AWARD
Richard D. Vann, Ph.D.
(George K. Anderson, M.D., Environmental Tectonics Corporation)



KENT K. GILLINGHAM AWARD
Derek Knight, M.D. (Valerie Martindale, Ph.D.)
(Brig. Gen. Erich Roedig, RAF(Ret.), AMST)



WALTER AND SILVIA GOLDENRATH AWARD
Harry L. Gibbons, M.D., M.P.H.
 (Malcolm Cohen, Walter and Sylvia Goldenrath Foundation)



WON CHUEL KAY AWARD
Melchor J. Antuñano, M.D., M.S.
 (Tae Young Jang, Aerospace Medical Association of Korea)



JOE KERWIN AWARD
Mark Campbell, M.D.
 (Genie Bopp, Wyle)



MARY T. KLINKER AWARD
Randall T. Rodgers, M.A.
 (Les Sherman, Impact Instrumentation)



(Left photo) ERIC LILJENCRANTZ AWARD, **Wg. Cdr. Nicholas Green, RAF, MC (Gp. Capt. David McLoughlin)**, (Russell B. Rayman, M.D., Aerospace Medical, PLC). (Right photo) Since Wg. Cdr. Green is currently deployed, we entered the age of technology by presenting the award to him via Skype. Shown here are Al Parmet (far left), Gp. Capt. David Loughlin (center) holding the award to the screen for Green to see, and AsMA President, Dr. James Webb (right).



RAYMOND F. LONGACRE AWARD
Col. Kent D. McDonald, USAF, MC (Daniel Van Syoc, M.D.)
 (Dwight Holland, M.D., Ph.D., Aerospace Human Factors Association)



THEODORE C. LYSTER AWARD
Frederick E. Tilton, M.D., M.P.H.
 (George Gisin and Ricard Hickman, Eagle Applied Sciences)



MARIE MARVINGT AWARD
Lawrence Steinkraus, M.D., M.P.H.
 (Henri Marrotte, M.D., French Aerospace Medical Association)



HARRY G. MOSELEY AWARD
Thomas E. Nesthus, Ph.D.
 (Kendall Green, Lockheed Martin Corporation)



JOHN PAUL STAPP AWARD
David G. Newman, M.B., B.S., D.Av.Med., M.B.A., Ph.D., FRAes,
FAsMA, FACAsM, FAICD, FAIM
 (George K. Anderson, M.D., Environmental Tectonics Corp.)



JOHN A. TAMISIEA AWARD
Pooshan Navathe, M.B.B.S., M.D., B.Ed., M.B.A., Ph.D.
 (Russell B. Rayman, M.D., Civil Aviation Medical Association)



THOMAS J. AND MARGARET D. TREDICI AWARD
John Gooch, M.D.
 (Thomas J. Tredici, Tredici Endowment Fund)



ARNOLD D. TUTTLE AWARD
R. Andy McKinley, Ph.D. (William B. Albery, Ph.D.)
 (Genie Bopp, Wyle)



JULIAN E. WARD MEMORIAL AWARD
Rebecca Blue, M.D., M.P.H.
 (Col. R. Todd Baker, USAF, MC, Society of USAF Flight Surgeons)



ASMA FELLOWS CLASS OF 2014—This is the class of 2014 Fellows: John Albano, J. Lynn Caldwell, Volker R. Damann, James Elliott, Louis G. Gilleran, Michael Harrigan, Andrew Marchiando, Robert Monberg, Ernest Prochazka, Donald Siegel, Lawrence Steinkraus, William J. Tarver, Richard E. Vann, Donald J. White, and Daniel Wyman. Those present during Honors Night are pictured here with Fellows Chair, James Vanderploeg, M.D., back row (right) and AsMA President James Webb, Ph.D., back row (left).



BOOK PRESENTATION--AsMA President James T. Webb, Ph.D., (left) and Vice President, David Gradwell, Ph.D., M.B.,B.S., (right) present AsMA Executive Director Jeff Sventek with a copy of John West's book, "High Altitude Medicine and Physiology." Dr. West delivered the 1st Eugen Reinartz Memorial Lecture. Mr. Sventek is a former U.S. Air Force physiologist.



PRESIDENT'S CITATIONS-- (Left) AsMA President, James T. Webb, Ph.D., presents Eilis Boudreau with the President's Citation for outstanding service to the Association. Her tremendous efforts and success in developing a certified CME/MOC program within the Aerospace Medical Association were beyond expectations, along with her strong leadership of the Education and Training committee for many years. (Right) Dr. Webb presents Charles A. Berry, M.D., with his second President's Citation, based on over 50 years of service to the Aerospace Medical Association and being a fantastic example of leadership in Aerospace Medicine and Preventive Medicine, including mentorship to so many Presidents of this Association.

