

ASSOCIATION NEWS

Vermeiren is President-Elect of AsMA; Martindale Installed President

Roland Vermeiren, M.D., has been elected President-Elect of the Aerospace Medical Association (AsMA). The election was held at the Annual Business Meeting during the 88th Annual Scientific Meeting of the Association, May 2, 2017, at Sheraton Denver Downtown Hotel, Denver, CO.

Dr. Vermeiren is a native of Belgium. He attended the University of Leuven, receiving his M.D. in 1978. From 1978–83 he studied at the Universities of Leuven, Ghent, Brussels and Antwerp to receive specializations



in family medicine, occupational medicine, radiation protection, and certificates in insurance medicine and aerospace medicine. In 1978, Dr. Vermeiren served as a doctor for Flemish medical air transport services, and in 1981 was a medical officer at Büren NATO Base, Germany. He was a general medicine practitioner from 1983–95 in Rijkevorsel, Belgium. He chaired the local Family Medicine Physician Peer Group and was a member of the executive committee of the Regional Family Medicine Association, Tournhout, Belgium from 1983–88 and was an

elected Board Member of the Belgian Deontological Board from 1988–94. From 1983–93 he was also an Aeromedical Examiner, occupational medicine specialist, radiation protection officer and the person responsible for medical emergencies in the Medical Service of Brussels airport, Aeromedical Centre of SABENA (former Belgian national airline) at Zaventem Airport, Brussels.

Since 1995 he has been Chair of the EUROCONTROL Medical Board and Head of Medical Services, Principal Medical Advisor (European Organisation for the Safety of Air Navigation), Brussels. In 2006 he became a member of the Chief Medical Officers of the EU Civil Aviation Authorities. He served three 2-yr terms as President of the ESAM. From 2010–16 he was Representative for the aeromedical sector on the EASA full Safety Standards Consultation Committee and its ATM and Flight Standards Subcommittees, and from 2012–2016 he was liaison officer to EASA for ESAM. In 2015 he was re-elected as Vice President of Inter-Institutional Medical Board of the Medical Services of the European Union Institutions and Agencies (IMB) and Chair of the IMB RPMS Committee. In 2016 he was Chair of their Advisory and Scientific Committee.

A 2017 Fellow of AsMA, Roland is a member of many international organizations including the IMB, the EASA, IASM, AMDA, and the Belgian, Dutch, French, German, and Austrian Societies of Aerospace Medicine. He has presented at various congresses of the Belgian, Dutch, Emirates, German, Swedish, Latvian, Austrian, Spanish, Russian, Ukrainian, Slovenian, Greek, Italian, Moldavian, and Swiss aerospace medicine associations and at ICASM, ECAM, and AsMA congresses.

Valerie Martindale, Ph.D., CAsP, FAsMA, was installed as President during the annual meeting. Currently, Valerie lives and works in Tokyo, where she is a Research Program Manager for the Army Research Office. She manages a portfolio of basic research in biology that seeks to make use of the rapidly developing tools of synthetic biology to investigate areas from medicine to materials, and from cognition to energy production. Valerie will work to see AsMA recognized for its unique role as a multidisciplinary

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Ever Upward! The AsMA Online Newsletter is posted monthly: <http://www.asma.org/news-events/newsletters>

problem solving organization, tackling the future challenges for humans in aerospace and other extraordinary environments, and to develop its ability to serve as a vibrant, active center for career placement and development for professionals in the many areas that make up Aerospace Medicine and Human Performance. [For a full biography of Dr. Martindale, please see *Aerosp Med Hum Perform* 2016; 86(8): 755.]

Other elected officers are: **Vice Presidents:** Volker Damann, M.D., and Alex Garbino, M.D., Ph.D.; **Secretary:** Brian Pinkston, M.D., M.P.H.; **Council Members at Large:** Richard Bachmann, M.D., M.P.H., Nicholas Green, M.B.B.S., Ph.D., D.Av.Med., Jeffrey Jones, M.D., and Allen Parmet, M.D.



50-YEAR PIN: Sally Nunneley, AsMA Past President and former Editor-in-Chief of the journal, *Aviation, Space, and Environmental Medicine*, is presented with a pin commemorating her 50 years of membership in AsMA by President David Gradwell. Ethel Nelson and John Jurist also received 50-year pins but could not be present.



PRESIDENT'S CITATION: David Gradwell presented AsMA Executive Director Jeff Sventek with this year's President's Citation for his dedicated efforts in making a difficult year run smoothly.



FELLOW CLASS OF 2017: Outgoing Fellows Chair Jim Vanderploeg (top left) and incoming Fellows Chair Warren Silberman (top right) with the Class of 2017 Fellows of AsMA: (back row) John Smyrski, Ian Curry, J.D. Polk, Charles Mathers; (front row) William Dodson, Keith Brandt, Cathy Dibiasi, Tracy Dillinger, Judith Hayes, and Roland Vermeiren. Michael Barratt and David Thomson could not be present.

**AEROSPACE MEDICAL ASSOCIATION
HONORS NIGHT AWARDS
Denver, CO, May 4, 2017**

David P. Gradwell, B.Sc., Ph.D., M.B. Ch.B., DAvMed, FRCP, FRCP(Edin), FRAeS, FAsMA, 2016–17 President of the Aerospace Medical Association, presented 20 awards to outstanding members during the Honors Night ceremonies at the 88th Annual AsMA Scientific Meeting, May 4, 2017 at the Sheraton Denver Downtown Hotel, Denver, CO. K. Jeff Myers, M.D., Chair of the Awards Committee and Cathy DiBiase, read the citations, assisted by Allen J. Parmet, M.D. and Tracy Dillinger, Ph.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
Estrella Forster, Ph.D.
(Jeff Svntek, Mayo Clinic)



ADMIRAL JOHN C. ADAMS AWARD
RADM Daniel B. Lestage, USN(Ret)
(Roderick Borgie, Society of US Naval Flight Surgeons)



BOOTHBY-EDWARDS AWARD
Philip J. Scarpa, Jr., M.D., M.S.
(Fred Tilton, Harvey W. Watt & Co.)



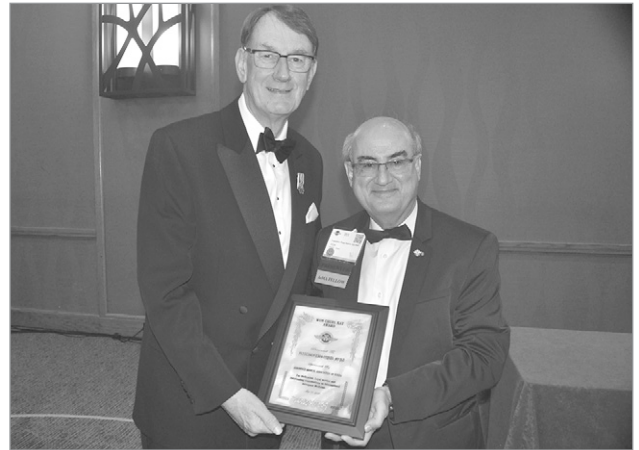
JOHN ERNSTING AWARD
Air Commodore David McLoughlin, RAF, OBE, MBBCh
(Robert Laurent, Environmental Tectonics Corporation)



KENT K. GILLINGHAM AWARD
Stephen Veronneau, M.D., M.S.
(Erich Roedig, AMST)



WALTER AND SILVIA GOLDENRATH AWARD
Jeffrey C. Sventek, M.S.
 (David Schroeder, Walter and Sylvia Goldenrath Foundation)



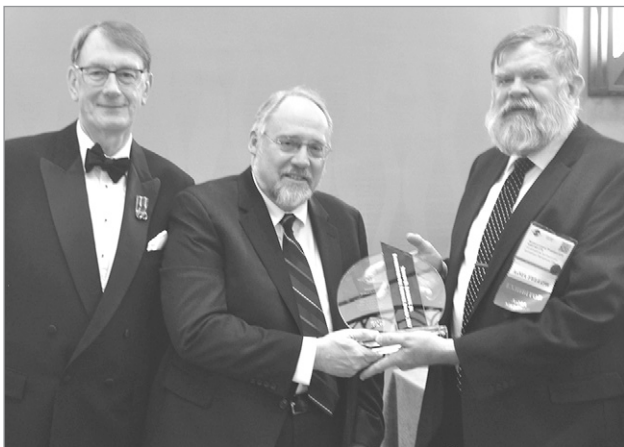
WON CHUEL KAY AWARD
Francisco Rios Tejada, M.D., Ph.D.
 (Aerospace Medical Association of Korea)



JOE KERWIN AWARD
Richard Scheuring, D.O., M.S.
 (Michelle Frieling, KBRwyle)



MARY T. KLINKER AWARD
J. Karen Klingenberger, B.S.N., M.D., M.P.H.
 (Dane Davis, ZOLL Medical Corporation)



SIDNEY D. LEVERETT, JR., ENVIRONMENTAL SCIENCE
 AWARD
Richard DeWeese, B.Sc.
 Dick Leland, Environmental Tectonics Corp.)



ERIC LILJENCRANTZ AWARD,
Richard A. Allnutt, M.D., M.P.H.
 (Russell B. Rayman, Aerospace Medical, PLC)



RAYMOND F. LONGACRE AWARD
Vivianne Fonne, M.S.
 (Philippe Souvestre, Aerospace Human Factors Assoc.)



THEODORE C. LYSTER AWARD
James R. Fraser, M.D.
 (John Smyrski, Army Aviation Medical Association)



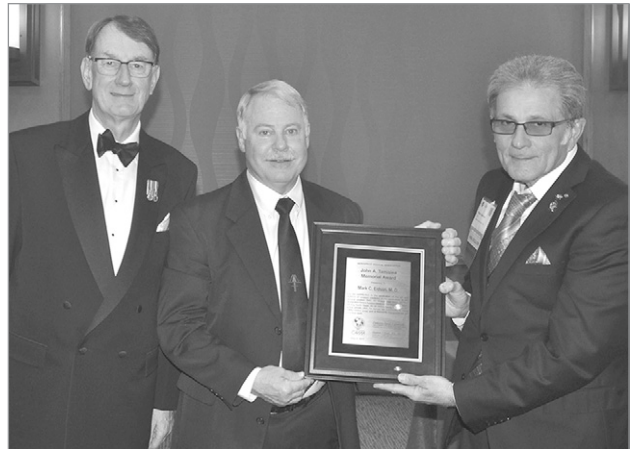
MARIE MARVINGT AWARD
Chuck DeJohn, M.S., D.O., M.P.H.
 (Henri Marotte, French Aerospace Medical Association)



HARRY G. MOSELEY AWARD
Guillermo Salazar, M.D., M.P.H. (Melchor Antunano)
 (Carlos Salicrup, International Association of Military Flight Surgeon Pilots)



JOHN PAUL STAPP AWARD
Eduard Ricaurte, M.D., M.S.
 (George K. Anderson, Environmental Tectonics Corp.)



JOHN A. TAMISIEA AWARD
Mark C. Eidson, M.D.
 (Warren Silberman, Civil Aviation Medical Association)



THOMAS J. AND MARGARET D. TREDICI AWARD
Derek M. Nusbaum, M.D., Ph.D., M.P.H.
 (Douglas Ivan, Tredici Endowment Fund)



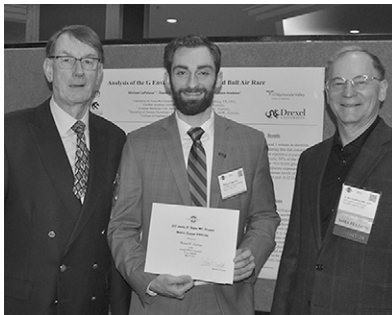
ARNOLD D. TUTTLE AWARD
Eduard Ricarute, M.D., M.S.
 (Genie Bopp, KBRwyle)



JULIAN E. WARD MEMORIAL AWARD
Alejandro Garbino, M.D., Ph.D.
 (Robert York, Society of USAF Flight Surgeons)



Tuttle Award Authors: The co-authors of the article "Aeromedical Hazard Comparison of FAA Medically Certified Third-Class and Medically Uncertified Pilots" [AMHP 2016; 87(7):618-622] received certificates. Charles DeJohn, M.C. Laverde-Lopez, and D. F. Porras-Sanchez are pictured with Eduard Ricarute and David Gradwell. W. D. Mills could not be present.



Stanley R. Mohler, M.D., Aerospace Medicine Endowed Scholarship: Michael Lapelusa receives the Stanley Mohler Aerospace Medicine Endowed Scholarship from the Fellows Group represented by Kim Broadwell as AsMA President David Gradwell looks on.



Boothby Edwards Award: The AsMA Pilot Mental Health Working Group: Fred Tilton (top right) represents the sponsor, Harvey W. Watt & Co. Top left to right: Martin Hudson, Warren Silberman, David Salisbury, Carlos Salicrup, Russell Rayman, Quay Snyder, and Vivianne Fonne. Bottom left to right: Volker Damann, Joerg Siedenburger, Roland Vermeiren, David Schroeder, Tracey Dillinger, Philip Scarpa (Chair), Anthony Evans (observer), and Jarmail Singh. Members not present were Fanancy Anzalone, Kris Belland, Thomas Bettes, Gary Beven, Robert Bor, Nigel Dowdall, Sally Evans, Christopher Flynn, Christopher Front, Consuelo Gonzalez, John Hastings, Kevin Herbert, Cheng Chun Hon, Raymond King, Marvin Lange, Robin Low, Roy Marsh, Luis Humberto Martinez, Joseph McKeon, Kent McDonald, William McDonald, Stuart Mitchell, Ries Simons, Richard Tan, Claude Thibeault, and Feng Wei.

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

Abridged Minutes of the Aerospace Medical Association 88th Annual Business Meeting

Tuesday, May 2, 2017, Sheraton Denver Downtown Hotel, Denver, CO



Gradwell



Sventek

Call to Order (Gradwell): A quorum for the meeting was established at 12:00 p.m. on Tuesday, May 2, 2017. Dr. David Gradwell, President, called the meeting to order.

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

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

Report of the President (Gradwell): Dr. Gradwell thanked Kris Belland, who could not be present, for his help. He reviewed the year's activities: "The Executive Committee met in August at the hotel in Denver and we will meet in Dallas in planning for next year's meeting. I was able to attend the 5th European Congress of Aerospace Medicine in Oslo. AsMA helped this year for its registration. Jeff and Deb Sventek made it possible. I also attended ICASM in Delhi this year. AsMA was represented at SpaceCOM in November. We had observations about this meeting regarding how to make it more scientific for aerospace medicine topics. SpaceCom Executive Committee wants to work with us to improve the agenda for future meetings. The next AsMA Council meeting in November will be in Alexandria, VA. We had a great number of abstracts this year at Scientific Program Committee. We are working on the systematic review of Aerospace Medicine through either a Cochrane or Gap Analysis methodology. We have been working on the future of the AsMA 501c3 status. The Executive Committee had its first meeting outside the US this year. They did it at their own expense. The Aerospace Nursing Society will expand membership to allied health professionals. This will result in a name change to the Aerospace Nursing and Allied Health Society."

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 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 2,000 members. This past year was an especially difficult one for the AsMA Headquarters Staff. We migrated away from our old and trusted Association Management System, IMPak, to a new and more capable system, Impexium. The June 2016 migration presented the AsMA Headquarters Staff with some unexpected and difficult challenges. They worked with the vendor's programmers and persevered. The new Association Management System

is working better for us now, but we plan to continue working with the Impexium team to get the new system to work for us rather than the Staff working for the Impexium system. You will find the online registration process in 2018 to be more intuitive and facile.

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. This year's meeting is accredited for 22.5 *AMA PRA Category 1 Credits*TM as well as 22.5 Prescribed Credits by the American Academy of Family Physicians, and 22.5 Category 1-B Credits by the American Osteopathic Association. AsMA relinquished our Accreditation Council for Continuing Medical Education (ACCME) provider status at the end of 2016. We established a formal agreement with the Undersea and Hyperbaric Medical Society (UHMS) to jointly sponsor all AsMA Continuing Medical Education activities. The four Sunday, April 30 workshops and the 88th Annual Scientific Meeting are all jointly sponsored CME activities with the UHMS. Working with the UHMS this year proved to be a professional and well-organized process. I look forward to working with the UHMS in future years.

Nurses attend our Annual Scientific Meeting for numerous reasons, and their ability to earn Nurse Contact Hours is one of the main reasons nurses attend. This year's Annual Scientific Meeting was once again accredited by the Montana Nurses Association. The Aerospace Nursing Society accepted the challenge to submit the necessary documentation to the Montana Nurses Association for accreditation. This is no small task and Nora Johnson, RN, BSN, CCM led the effort to organize and submit the required documents for review. Her efforts resulted in the 88th Annual Scientific Meeting being approved for 22.5 Nursing Contact Hours. Congratulations on this significant achievement.

As of this morning, total registration for this meeting is 1,506, compared to 1,482 at the same time for the 2016 meeting. Of that total, 1,365 were registered in advance of the meeting and 141 attendees registered here on site. This represents an increase of 24 attendees or 2% above the 2016 meeting in Atlantic City. Registration this year was affected by the potential for the US federal government to shut down as the result of an expiring federal budget Continuing Resolution. Many US federal agencies delayed funding approval decisions and others restricted travel after April 28 until legislation was passed by the US Congress to keep the US federal government funded and operating. Every year seems to bring unexpected events into our meeting preparations and execution efforts. I thank all for working with the AsMA Headquarters Staff to ensure proper registration.

We also worked closely with Mr. Walt Galanty of AIM Meetings and Events and the Sheraton Denver Downtown Hotel to provide all attendees per diem room rates. The Sheraton Denver Downtown Hotel sold out of rooms in early March 2017 so AIM Meetings & Events negotiated a contract with the Holiday Inn Express Hotel to provide a large block of rooms to serve as overflow. The Holiday Inn Express room block sold out by early April and we turned to the Warwick Denver Hotel. They provided us with a small courtesy block of rooms. That room block also sold out. We do everything we can to estimate the number of rooms required for an event.

There are 33 companies exhibiting with us this year using 40 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 we will continue this practice in 2018.

For the third year, we are offering AsMA Committees, Constituent Organizations, and Affiliated Organizations the opportunity to provide poster presentations on their activities. The poster session for these groups is today, Tuesday, May 2, 2017 in

the Governor's Square 17 from 10:00 AM to 2:00 PM. If you haven't visited these posters, please take a few minutes following the Annual Business Meeting to visit the poster session and see all of the excellent work accomplished by our AsMA Committees, Constituent Organizations, and Affiliated Organizations. You may consider joining one or more of these groups to help them in their mission.

The 2016 Speed Mentoring session was so successful, we decided to offer it again this year. In fact, two Speed Mentoring sessions were built into this year's program. The first was held Monday, May 1 and proved to be a success again. The second Speed Mentoring session is scheduled for Wednesday, May 3, 2017, 10:00 AM – 12:00 PM in the Tower Court A room. This initiative was developed by Dr. Valerie Martindale and an active group of volunteers. Thanks to all involved for making this effort so successful, educational, and fun.

Finally, I am required to report the Aerospace Medical Association financial status for 2016. I will leave the details to our Treasurer to explain but on December 31, 2016 the Aerospace Medical Association reported excess revenues of \$168,935.

Report of the AsMA Foundation (Broadwell):

The Foundation manages donations to provide grants and scholarships. Thanks to outgoing Secy/treasurer Peach Taylor. Genie Bopp is the incoming Secy/treasurer. Our investment funds had a 9% growth this year. This combined with donations made it possible for two new awards: the Anita Mantri Memorial Scholarship was established last year and we provided a 2nd Fellow's Award for \$1K for young investigators submitting papers to the Journal. We provided a budget for the annual Trumbo Run/Walk. For the first time we were able to have a voluntary donation line on the meeting registration form.

GOVERNANCE (Martindale):

Nominating Committee (Scarpa): Philip Scarpa provided the slate of officers for vote: President-Elect, Roland Vermeiren; Vice Presidents, Volker Damann and Alex Garbino; Secretary: Brian Pinkston; and Members at Large: Richard Bachmann, Nicholas Green, Jeffrey Jones, and Allen Parmet. The slate of officers was accepted unanimously.

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

Treasurer's Report (DeVoll): Jim DeVoll reported that we had \$169K in excess profits for 2016 in net income. Annual Meetings are key to our profitability for the year. We have done well for the last 3 years. 2016 was our most profitable year. UBS Investments have seen an overall 24.2% increase in portfolio since 2010. We have \$102K in cash, \$43K in equities, \$215K in fixed income and \$410 K in other investments. In summary, Net Income was \$169K for 2016, Ordinary Income (operating budget) was \$156K positive last year. For 2015 we were \$144K positive, and 2014 \$97K positive. Our building and property are worth about \$1.8M.

REPRESENTATION AND ADVOCACY (Ortega):

Thanks to Douglas Boyd who helped the Resolutions Committee to respond to comments on the following resolution: "Reporting of Medically Disqualifying Conditions for Aircrew and Aviation Related Support Personnel." Resolved: That the Aerospace Medical Association advocates a uniform international policy on mandatory reporting of aircrew and aviation-related support personnel with psychiatric, psychological, behavioral and/or medical issues that pose a significant risk to public safety." This will be sent to the AMA and various other agencies. It will help us with the Judicial Committee at AMA and it has helped us draft letters to the American College of Internal Medicine and AAFP. The resolution passed unanimously.

EDUCATION AND RESEARCH (DeJohn): There is a meeting planned for Bellagio II-Terrestrial Applications of Space Medicine, to be held in Moltrasio, Italy, September 5-8, 2017. Interested members should contact Marian Sides for further information.

The Science and Technology Committee is sponsoring scientific panels on the organization and conducting research in aerospace medicine and human performance. If they are successful they may be offered annually. They also provided a presentation on conducting a scientific Gap analysis. It introduced the aerospace medicine review group for literature review.

The Education and Training Committee will work with Communications Committee to produce information for the AsMA website including new tabs for physicians, general public, and pilots. This new information has become important with Basic Med laws.

MEMBER SERVICES (Dalitsch): We are working on a postcard to send to members whose memberships lapse. We would like to add "Faces of AsMA" on our website. This will be profiles of "poster children" for communities within aerospace medicine family – including all areas. Brief bios regarding a day in the life of a member from this community. The Corporate Membership Committee is working on the trend of reducing numbers of corporate members. The Awards Committee has added two new awards: the David Clarke award for Corporate members and the Admiral John C. Adams in Operational Aerospace Medicine.

INTERNATIONAL SERVICES (Vermeiren):

The Oslo AsMA-ESAM meeting was a success! Our second joint AsMA-ESAM meeting will be in Czechoslovakia, September 20-23, 2018. We are working with EASA and continue to help them in rulemaking. The newly reorganized GLOC Committee is working to become a global committee. They have a chair and co-chairs of the 7 regions so far.

Adjourn: The meeting adjourned at 1:12 p.m.

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



Anita Mantri Memorial Travel Scholarship: Rahul Suresh (center) receives the Anita Mantra Memorial Travel Scholarship from AsMA President David Gradwell and Craig Kutz (right) representing the sponsor, AMSRO.



Jeffrey R. Davis, M.D., International Aerospace Medicine Scholarship: Anthony Schiemer receives the Jeff Davis International Scholarship from AsMA President David Gradwell.



Jeffrey R. Davis, M.D., Aerospace Medicine Endowed Scholarship: James Pavela receives the Jeff Davis Aerospace Medicine Endowed Scholarship from AsMA President David Gradwell.