President's Page

"Two roads diverged in a wood, and I-
I took the one less traveled by,
And that has made all the difference."

--Robert Frost

Fanancy Anzalone, M.D., M.P.H.

This month I will provide some history of our Aerospace Medicine Family and bring you up to date on some important changes in our organization. Additionally, I will highlight the International Academy of Aviation and Space Medicine, (IAASM).

Over the last several years we have been working on modifying our Articles of Incorporation in order to change our tax-exempt status from 501(c)(6) Trade Association to a 501(c)(3) Charitable Scientific and Education Organization status. Discussions with our legal counsel resulted in a recommendation to the AsMA Council to change our incorporation from the District of Columbia to the Commonwealth of Virginia. We have successfully completed this process and we are now recognized as a Virginia non-stock corporation. The final stages of being recognized as a 501(c)(3) Charitable Scientific and Education Organization are in the works and we are hopeful that by our next meeting this will be complete. The benefit to our organization and members are that, once approved, AsMA will continue as a tax-exempt organization at the federal level and, more importantly, members of our Association will be able to deduct a portion of their annual dues as a charitable donation. The Association will also be able to accept other charitable donations to further our educational and scientific missions.

You may wonder why the Aerospace Medical Association was incorporated with the District of Columbia in the first place. Well, back in January 1930, the Association's Headquarters were originally located on the grounds of what is today the Ronald Reagan Washington National Airport. The airport is included in the District of Columbia's jurisdiction, therefore, it was appropriate for the Association to be incorporated within the District of Columbia. The AsMA Headquarters moved from the airport to Alexandria, VA, in the late-1980s, and arrived at our current address in 1988. The Association has been operating on a Virginia business license as a "foreign" corporation since that time. With the recent approval of our Article of Incorporation by the state of Virginia, we now may be eligible for some tax-exemptions within Virginia.

Additional changes to our family business have occurred with the AsMA Foundation. The AsMA Foundation was created in 2007 to enhance the Association and aerospace medicine through financial support of educational and scientific programs, scholarships, grants for research, and additional support activities in partnership with AsMA members and the Association's affiliate and constituent organizations. The Foundation is organized as a charitable organization in the Commonwealth of Virginia exclusively for educational and scientific purposes within the meaning of Section 501(c)(3) of the Internal Revenue Code to advance the knowledge of aerospace medicine and to promote educational and research programs. Modifications to the Foundation's Articles of Incorporation were approved by the state of Virginia on August 23, 2011 and will greatly broaden the Foundation's activities.

One area under discussion with the Foundation is the possibility of establishing a Capital Campaign Fund that would encourage tax-deductible donations dedicated to a significant update and improvement for the Aerospace Medical Association's website. This initiative was identified as the number one strategic initiative for the Association during the March 2011 Executive Committee meeting. Once a proposal for this initiative is submitted to the Foundation's Board of Directors and approved, information will be provided to the AsMA membership on how they can donate to this critical initiative.

Now, to the International Academy of Aviation and Space Medicine (IAASM), which was founded in 1955 and its mission is to promote and search for new knowledge in aerospace medicine, and to contribute to international cooperation among those devoted to education and research in the field of aerospace medicine. The Academy's most recent meeting was the 2011 International Congress of Aviation and Space Medicine held in Bucharest, Romania on September 11 -15. Brig. Gen. Prof. Marian Macri, M.D., Ph.D., was the Congress President and a most gracious host. The scientific program was truly outstanding and covered the full spectrum of Aerospace Medicine. The Andre Allard Memorial Lecture was presented by Major General Dumitru Dorin Prunariu, Ph.D., the first Romanian cosmonaut and currently the President of the United Nations Committee on Peaceful Uses of Outer Space. The social events were remarkable, most memorable, and raised the bar extremely high for our own future AsMA events. Finally, I want to give my personal thanks to Gen. Marian Macri and Dr. Silvio Finkelstein for their gracious hospitality and making my visit to Bucharest a trip of a lifetime and allowing me to enjoy a road less traveled by.

If you have any questions, concerns, or suggestions, you can reach me at president@asma.org or call me at 786-338-8777.

Association News

Stanley C. White, Space Medicine Pioneer, Has Died

Stanley C. White, M.D., 52nd AsMA President (1980-81), died September 10, 2011 at his home in Satellite Beach, FL, at the age of 85. Truly a pioneer of space medicine, he may be best known for his work in selecting and training the first astronauts and for his contributions leading to the development of life-support systems for Project Mercury. He was a devoted member of AsMA for nearly 60 years and we will surely miss him.

A native of Lebanon, OH, Dr. White received his A.B. degree from Miami University, Oxford, OH, in 1945, and his M.D. degree from the University of Cincinnati College of Medicine in 1949. He also received an MPH from Johns Hopkins University School of Public Health and Hygiene in 1953. He was board certified in Preventive Medicine (Aviation Medicine) in 1956.

His career spanned over five decades. Dr. White entered the U.S. Navy in 1949 and transferred to the U.S. Air Force in 1951. He trained as a flight surgeon at the USAF School of Aerospace Medicine in 1952 and entered residency training in 1953.

From 1954-58 he was stationed at Wright-Patterson AFB, OH, where he became Chief, Respiration Section, Aeromedical Research Laboratory, and was the research manager for development of high altitude environmental protective suits used for the X-15, U-2, SR-71 flight programs. Also at Wright-Patterson, he was involved in the development of oxygen requirements for man in at both low and high altitudes, equipment for support in closed environments such as space vehicles, and the criteria for the selection of crew for manned spaceflight.

His involvement in the space program began in 1957 and with the creation of NASA in 1958 he was assigned to the NASA Space Task Group (STG). He and his staff were responsible for developing, testing and flight operations of environmental systems for Projects Mercury, Gemini, and Apollo. Their work also concerned the acceleration couch and restraint system, full pressure suit system, emergency survival gear, and panel and calibration station layout for manned spaceflight. During the period of 1958-63, Dr. White was Advisor for Life Sciences to Director, NASA STG, Langley Research Center, VA, and then Chief of Life Sciences Branch where he served as Control Center Surgeon for the initial animal and human flights. He went on to become Chief of Crew Systems Division, NASA Manned Spacecraft Center, Houston, TX.

In 1963 Dr. (Col) White returned from duties at NASA and was assigned to the Aerospace Medical Division, Brooks AFB, TX, and in 1966 assumed duties as Assistant for Bioastronautics to the Program Director, Manned Orbiting Laboratory Program (until its cancellation) and subsequently Staff Manager Biomedical Research Program. In 1970 he returned to NASA as Biomedical Support Officer for Skylab Program, Office of Life Sciences, Office of Manned Spaceflight, NASA HQ, DC. From 1975-77 he was assigned as Assistant for Environmental & Life Sciences, Office of the Director of Research & Engineering, Office of the Secretary of Defense, the Pentagon.

In 1977 Dr. White retired from U.S. government service and went to work in private industry becoming Corporate Director for Research and Development, Travenol Laboratories, Inc., headquartered in Morton Grove, IL. But, he returned to the Space Program in 1982 as Senior Scientist, Group Manager Medical Operations and Human Research, Bionetics Corporation, Kennedy Space Center, FL, where he provided technical and scientific advice, guidance, and oversight for projects assigned through Life Sciences Support Contracts.

In 1991 he opened his own Consultation Service for Space Life Sciences, Satellite Beach, FL, and in 1997 he finally retired and took up RV'ing with his wife Helene.

A Fellow of the Aerospace Medical Association, in 1961 he received the first Louis H. Bauer Founders Award for his work on Project Mercury. He also received the AsMA Theodore C. Lyster Award in 1973 for his outstanding achievements in aerospace medicine and was the Louis H. Bauer Lecturer in 1975. He was President of AsMA from 1980-81, and served on Council for many years.

In 1969 he received the Hubertus H. Strughold Award from the Space Medicine Association (nee Branch) for continuous achievements in space medicine research. He was the president of that organization in 1970. In 1995 the Society of NASA Flight Surgeons presented him with the W. Randolph Lovelace Award. He also received awards for his space medicine research from the American Astronautical Society, the International Academy of Aviation and Space Medicine, and the American Medical Association in addition to his many awards from the U.S. Air Force.

In writing Stan's obituary, I came across his application for AsMA Fellowship. In 1962, he described many of his "accomplishments and duties" at that time. Here are some of the descriptions of his work on Project Mercury in his own words:

Selection of astronauts: This task included the outline and definition of what the duties and requirements of the astronaut should be; the establishment of the physical, physiological, and psychological criteria; the study of the records of the eligible; the selection of the nucleus of personnel for further consideration; the review of the data on the candidates after physical stress and psychological testing and the integration of the evaluations into engineering studies being done by the engineering disciplines within NASA Space Task Group (STG); resolution of all controversial areas which arose when the engineering selection committee desired to pick a man with some biological limitation. The physical and psychological goals were unique insofar as the medical evaluation attempted to predict the status of any physical defect as to progress or disability over the designed 3-year cycle of Project Mercury.

Training of the astronauts: This task included the familiarization of the astronaut with his mechanical capsule systems, the forces or environmental effects on the astronaut and his response to or identification

See WHITE, p. 1087.

WHITE, from p. 1086.

methods for detection of problems within his capsule and himself. In addition, extensive training of the astronauts in their own biological systems has been done to permit them to act as reliable reporters of the effects of space flight on themselves.

Capsule systems design: The systems assigned to the Life Systems Group include the environmental system, the restraint and acceleration couch system, the pressure suit, the emergency survival gear, the physiological sensors, the nutrition and waste provision. In each of these areas the Life Systems Group is responsible for the establishing of requirements for the flight, the supervision of design, test, checkout and ultimately flight of these items. In addition, since all of these affect the astronaut directly, the training of the astronaut in the proper use of the equipment is a responsibility of this group. Other capsule areas which have required Life Systems participation include crew station layout (panel sizes, color grouping and size of instruments, eye distance, and readability of instruments, integration of full pressure suit performance, and astronaut flight tasks into a safe man-crew station unit.

Astronaut monitoring: One of the prime objectives in Project Mercury is to obtain data on the astronaut's ability to perform in space flight. The Life Systems Group has divided the information required into two categories:
(a) The data obtained immediately from the astronaut and his machine, which will indicate the real time status of the astronaut and will permit decision as to whether the flight should continue or be terminated. To this end Lt/Col White has been selected as the Medical Operations Chief and the control Surgeon at the Mercury Central Control at Cape Canaveral. Prelaunch and launch biodynamics will be evaluated by him. After the capsule passes beyond range of the telemetry, a global range will report in on the status of the astronaut as he passes over each of its stations. Flight surgeons are being stationed at each of these stations. These men have been trained in the operations of the stations, the physiological readout on each astronaut and the method of quickly returning the status of the astronaut to the Mercury Control Center in such order that timely decision making can be made concerning the future progress of the flight.
(b) The data obtained which will permit the evaluation of man in this new environment has been integrated into a research program which will permit the assessment of the body response, the stress load and the degrees of success the astronaut has been able to attain in meeting the flight programs. Such a program, by necessity, must permit minimum interferences to the astronaut and flight programs, yet provide as much incite [sic] into man's future in space vehicles as possible. To this end, tests have been selected in both the animal and manned flights which are within the "state-of-art" equipment and add little weight to the capsule. Priority has been established to obtain the data needed immediately for the next flight.

NSBRI Summer Internship Program Accepting Applications

The program, sponsored by the National Space Biomedical Research Institute (NSBRI), gives selected students an opportunity to spend 10 weeks in laboratories at NASA's Johnson Space Center in Houston, NASA Glenn Research Center in Cleveland or NASA Ames Research Center at Moffett Field, CA.

"The NSBRI Summer Internship Program allows talented students to receive first-hand knowledge about research for long-duration spaceflight," said Dr. Jeffrey P. Sutton, NSBRI director. "The experience gained during the summer will be beneficial to the interns as they become the next generation of scientists, engineers and physicians."

The NSBRI Summer Internship Program, which is managed by Baylor College of Medicine's Center for Educational Outreach, will be accepting applications for the 2012 Summer Internship Program from Oct. 1 to Dec. 31, 2011. More information is available at http://www.nsbri.org/EDUCATION-and-TRAINING/Student-Graduate-and-Fellowship-Opportunities/Summer-Internship-Program/.

NSBRI, funded by NASA, is a consortium of institutions studying the health risks related to long-duration spaceflight. The Institute's science, technology and education projects take place at more than 60 institutions across the United States.

NSBRI projects address space health concerns, which include bone and muscle loss, cardiovascular changes, radiation exposure, neurobehavioral and psychosocial factors, remote medical care and research, and habitability and performance issues. Research findings also impact the understanding and treatment of similar medical conditions experienced on Earth.

For further information, contact Brad Thomas, NSBRI, (713)798-7595; rbthomas@bcm.edu

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

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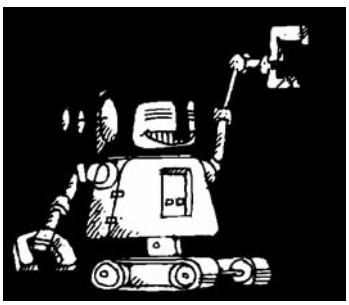

ATTENTION!!!!!
MEMBERS OF AsMA!

Is YOUR membership record up to date?

In an effort to insure accuracy in our membership database, we are asking you to take a moment to log on to the Members Home Page and update your membership information (Click on "**View or Change My Info**").

We particularly need for you to check your **credentials and specialty fields** and update your **e-mail address**.

Please! Log on to www.asma.org!
Don't wait! Do it today!

Send information for publication on this page to: **Corporate News**
Aerospace Medical Association
320 S. Henry Street
Alexandria, VA 22314-3579

News of Corporate Members

Mayo Clinic Finds Telestroke Care Cost-Effective

In a first-of-its-kind U.S. health economic analysis, researchers found that using two way audio-video telemedicine to deliver stroke care, also known as telestroke, appears to be cost-effective for rural hospitals that don't have an around-the-clock neurologist, or stroke expert, on staff. The research is published in the September 14, 2011, online issue of *Neurology*, the medical journal of the American Academy of Neurology.

For the study, researchers used existing data from previous telestroke studies and data from large multi-hospital telestroke network databases at Mayo Clinic in Phoenix and the University of Utah Health System in Salt Lake City. They calculated the cost-effectiveness of telestroke by comparing the incremental costs and quality-adjusted life years saved of stroke patients treated by telestroke to those treated by usual care such as a rural emergency department without telestroke or a stroke expert available.

—For more information please see www.mayoclinic.org/news2011-sct/6445.html

AOPA Partners with Women in Aviation for Summit Meeting

The Aircraft Owners and Pilots Association (AOPA) partnered with Women in Aviation, International (WAI), for the third year to create "Women's Wing" at the AOPA Aviation Summit, which was held in September in Hartford, CT. The Women's Wing, hosted by Women in Aviation, International, offered a place women could network, get answers, and get inspired. The events included book signings and a behind-the-scenes movie presentation. Seminars presented included Women in Aviation History, Inspirational Women in Aviation, Aviation Career Opportunities, and Everything You Wanted to Know about Learning to Fly, but Were Afraid to Ask.

—Taken from www.generalaviationnews.com/2011/09/14/women-in-aviation-at-aopa-summit/.

FAA Acknowledges ALPA's Safety Role

The Airline Pilots Association's (ALPA's) long-standing role in air safety was acknowledged by the Federal Aviation Administration's (FAA's) Administrator, Capt. Randy Babbit, in August during ALPA's 57th Annual Air Safety Forum. Attendees were briefed on the partial shutdown of the FAA and the long-awaited science-based update to the flight/duty and rest rule was discussed. ALPA's global efforts and its work with the International Civil Aviation Organization to improve flying standards was also complimented.

—From www.alpa.org/portals/alpa/pressroom/pressreleases/2011/Babbitt_8-19-11.htm.

Sperian Protection Is Now Honeywell

Sperian Protection was combined with Honeywell Safety Products in December 2010 to form Honeywell Safety Products. The new company continues to be part of the Honeywell Automation and Control Solutions Life Safety business. They remain committed to protecting men and women exposed to risks in all types of industries and work environments. They will also continue to design and manufacture high quality equipment to meet a wide variety of workers' safety needs.

—Taken from www.honeywellsafety.com/Americas/News_and_Events/Press_Releases/HONEYWELL_STRENGTHENS_PERSONAL_PROTECTIVE_EQUIPMENT_OFFERING.aspx.

Spectrum Aeromed One of Fastest Growing Companies

Spectrum Aeromed has grown revenue by 799.3 percent to earn the position of 433 on the 2011 Inc. 500 list, *Inc. Magazine*'s annual ranking of the fastest-growing private companies in America. Spectrum Aeromed has 20 full-time employees with headquarters in Fargo and client service offices in Vancouver, WA, and Munich, Germany. The company's life-saving air ambulance equipment, engineered and manufactured in Fargo, is in use worldwide as evidenced by the fact that 80% of the company's revenues are generated through exports. As an Inc. 500 honoree, Spectrum Aeromed shares a prestigious pedigree with such notable alumni as Zappos, SAS, Under Armour, Microsoft, Oracle and scores of other entrepreneurial powerhouses.

—Taken from www.spectrum-aeromed.com/news/spectrum_aeromed/spectrum-aeromed-on-list-of-fastest-growing-private-companies/.

Archinoetics Invited to Head Start Program

Archinoetics was an invited industry representative at the University of Hawaii's Head Start program in August. The program gives incoming freshmen and transfer students, along with their families, a formal introduction to engineering at UH Manoa. Industry representatives gave the students insight into the engineering and tech industries in Hawaii. Engineers from Archinoetics told students and their families about the exciting technologies that we develop and gave advice about relevant classes and majors.

—From http://archinoetics.com/2011/08/29/archinoetics-at-uhs-head-start-program/.

Psoria-Shield Releases Device for Treating Skin Disorders

Psoria-Shield™ Inc., has launched its flagship medical device, the Psoria-Light™ deep UV LED targeted phototherapy device for treating psoriasis, eczema, vitiligo, and other UV-treatable skin disorders. Recognized by the Space Foundation as a Certified Space Technology™, Psoria-Light™ uses advanced deep UV LED technology originally developed for NASA, the European Space Agency (ESA), and the U.S. military for photoelectron generation as part of the charge management system for gravitational wave measurement systems. Psoria-Shield advocates the use of targeted UV phototherapy, which generally facilitates clearance of skin conditions within 6-10 treatments, to address those aspects of the disease which reduce patients' quality of life.

—For more, visit www.spacecertification.org/media/news-briefs/space-certification-partner-psoria-shield™-launches-psoria-light™-deep-uv-led-medi.

HeartSine Provides AEDs to Wegmans

HeartSine® Technologies, Inc., announced recently that Wegmans Food Markets, Inc., had selected the HeartSine Automated External Defibrillator (AED) as the the exclusive AED in its facilities. Wegmans Food Markets, Inc., is a major regional supermarket chain and one of the largest private companies in the United States. By the end of 2011, the HeartSine Samaritan® PAD 300P public access defibrillator will be available in all 79 Wegmans stores should an employee or customer suffer from sudden cardiac arrest. Designed for use on children and adults, its simple two-button operation and voice/visual prompts with clear instructions will guide rescuers through every step, including pad application, shock delivery, and CPR.

—From www.heartsine.com/wp-content/uploads/2011/08/Wegmans-Release_FINAL_081711.pdf

Mondial Assistance Australia Has Become Allianz Global Assistance

Mondial Assistance Australia formally became Allianz Global Assistance in July 2011 as part of a global brand transition expected to be complete in late 2012. Mondial Assistance has been part of the Allianz Group for more than 10 years and, according to their Australian CEO, the move will bring both enhanced brand recognition and business opportunities. The world leader in assistance since 2000, Allianz Global Assistance strengthened its position in 2010 and accelerated growth in order to achieve 2015 objectives.

—For more, see www.allianz-assistance.com.au/corporate/news/australian-media-releases/Mondial-Assistance-Australia-to-take-Allianz-Global-Assistance-brand-in-July.aspx

ETC Wins New Contracts

Environmental Tectonics Corporation (ETC) recently announced the award of multiple new contracts in its Sterilization System Group. The contracts include two ethylene oxide sterilizers, one large cage & rack steam sterilizer for a large university, specialized process chambers for a Life Science client and a field upgrade for an existing client. This work will be performed over the next 15 months. ETC also announced the award of another two new contracts in its Sterilization Systems Group. These contracts include an order for multiple steam sterilizers and another project for a control system upgrade for an ethylene oxide sterilizer manufactured by a third party.

—Please see www.etcusa.com/corp/pressreleases/NR081611.html and www.etcusa. com/corp/pressreleases/NR090711.html.

News of Members

Send information for publication on this page to: **News of Members**
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Alexandria, VA 22314-3579
pday@asma.org

Laura Drudi, a medical student at McGill University, recently returned from the International Space University (ISU) after completing a Diploma of Space Studies. During the ISU, she was a member of team H2OPE, recommending space-based solutions to help solve the global water crisis. These recommendations were presented at the 2011 IAC in Cape Town, South Africa. A video about Team H2OPE, made for educational purposes, is available at: www.youtube.com/watch?v=NH9GeeWKk3I.

In Memoriam: Sir John Rawlins, KBE

Surgeon Vice Admiral Sir John Rawlins, KBE, died in July after a long illness. He received B.M. and B.Ch. degrees from University College, Oxford, in 1945. He was appointed to the Royal Hants County Hospital and the London Chest Hospital and then joined the Royal Naval Volunteer Reserve in 1947. There he completed Divisional and Air Medical courses. He spent 2.5 years on an aircraft carrier based in Malta, after which he returned to civilian life as an Anatomy Demonstrator at Charing Cross and St. Bartholomew's hospitals. In 1951, he rejoined the Navy.

Dr. Rawlins served at the Royal Air Force Institute of Aviation Medicine for the next 6 years, developing the Mk IV anti-G suit and the Mk I helmet, carrying out the first noise survey of an aircraft carrier, developing the Flight-Deck Noise Excluding Helmet and the Flight Deck Communications System, and riding the High-Speed Rocket Track to determine the limits for catapulting and stopping Naval aircraft. From 1967-70 he was an exchange medical officer at the U.S. Naval Medical Research Institute, Bethesda, MD. When he returned to England, he was assigned to the Institute of Naval Medicine, Alverstoke, Hampshire, where he became Assistant to the Medical Director-General (Naval) for Research and Director of Research, then Director of Health and Research, and then Dean of Naval Medicine and Medical Officer in Charge. He retired from the Royal Navy in 1980 and became a Consultant in Environmental Medicine, Director of Research, at Diving Limited International, San Diego, CA.

Dr. Rawlins was President of the Society for Underwater Technology in 1981, a member of the Aviation Medicine Group Committee of the Royal Aeronautical Society, and a Fellow of the Royal Society of Medicine, the Royal Aeronautical Society, the Faculty of Community Medicine, the Royal College of Physicians, and the Aerospace Medical Association. His awards included an MBE in 1955 for his work on protective helmets, an OBE in 1961 for his work that resulted in an automatic underwater escape system for Royal Naval aircraft, being named 'Man of the Year' for his work in naval aviation safety, AsMA's Arnold D. Tuttle Award in 1973, an appointment as an Officer (Brother) of the Order of St. John in 1974, Honorary Physician to the Queen and the Chadwick Medal and Prize in 1975, an appointment to Commander (Brother) of the Order of St. John in 1976, and a promotion to Knight of the British Empire in 1978.

Obituary Listing

George T. Fabian, M.D., USAF(Ret.), died in August. Born in South Carolina, Dr. Fabian earned a B.S. at Clemson University in 1969, an M.S. at the University of Tennessee in 1970, and his M.D. at the Medical University of South Carolina in 1977. He served in the U.S. Air Force from 1969 until 1996 and earned an Air Force Commendation Medal. Starting in 1997, he worked for the South Carolina Department of Health and Environmental Control, with his last title being Medical Director of Public Health Preparedness, Acute Disease Epidemiology/ Bioterrorism. He was a member of the U.S. Air Force Flight Surgeons, the Association of Military Surgeons of the United States, and an Associate Fellow of AsMA.

New Members

Brunetti, Jacqueline C., M.D., Teaneck, NJ
Mossman, Cole T., Kalamazoo, MI
Navarro, Emanuele G. D., M.D., Badia Polesine, Italy
Ohanian, Neshan V., M.D., Birmingham, MI
Picken, David, CDR, MC, USN, Pensacola, FL
Rath, Stephen A., M.D., Ruidoso, NM
Thompson, Larry O., M.D., Derby, Australia
Tran, Nguyen V. T., Maj., AAF, MC, FS, Beavercreek, OH
Webb, Leigh-Ann, M.D., Chicago, IL

Online News of Members Form!

Available on the Members Only page. Send us news of awards, promotions, changes in job status, etc. Please remember to send us your e-mail address!

INDEX TO ADVERTISERS

Nominations Sought for 2012 AsMA Awards

The Awards Committee of the Aerospace Medical Association, which is responsible for selecting the annual winners of special awards, has set a **January 15** deadline for receiving nominations for awards to be presented at the 2012 Annual Scientific Meeting in Atlanta, GA. The names of prospective award winners should be submitted as far in advance of the deadline as possible. To view a list of past recipients go to the AsMA website: http://www.asma.org/pdf/awrdwin.pdf

Nominations can be made by any member of AsMA.

Rules:

1. The nominee must be a current member of the Association by Feb. 1 in the year in which the award may be given, with the sole exception that the Sidney D. Leverett, Jr., Environmental Science Award is open to nonmembers.
2. Employees of a company sponsoring an award are eligible to receive the award. Self-nomination is not allowed. Deceased members may be nominated.
3. Nominations for the Tuttle and Environmental Science Awards must cite a specific paper printed in *Aviation, Space, and Environmental Medicine.* The award will be given to the first author, with co-authors that are AsMA members receiving co-author recognition.
4. An individual can only receive one award in any one year. The same individual may receive an award more than once, so long as five years have elapsed between the last time that award was won by that same awardee. The exception is the Bauer Award, as this award is only given once to an individual.
5. Nominations are good for three years from the original award nomination. They may be updated. If substantial material has changed for the same award within that three-year cycle—a new nomination should be submitted.
6. The form is available on the AsMA website. You may either submit the nomination directly from the website or you may download the nomination form into your computer for e-mailing as a pdf document attachment. Nomination forms sent via e-mail should be addressed to the Awards Committee Chair, Kris Belland, D.O., at awards@asma.org; and Ms. Gisselle Vargas at AsMA Headquarters (gvargas@asma.org). If e-mail is not available, you can send a hard copy of the form via normal mail to: Aerospace Medical Association, 320 South Henry St., Alexandria, VA 22314; or fax to the AsMA Home Office: (703)739-9652. Any auxiliary biographical material in electronic or hard copy **attachments must be limited to 3 typed pages** and will be retained in Association files.
7. Nominations received after **Jan. 15th** will be considered for awards to be presented at the next annual meeting.

ANNUAL AWARDS descriptions online.

Reminder for Prospective Associate Fellows

The Chair of the Associate Fellows Group reminds prospective candidates that applications are currently being accepted from qualified members of the Aerospace Medical Association for Associate Fellowship. Members who have made a positive contribution to the Association and have been a member for at least 5 years are eligible and encouraged to submit their application.

To apply, please submit a current Curriculum Vitae (CV) or resume directly to the Associate Fellows Group Membership Committee at associate-fellows@gmail.com. The deadline for submitting your application is close of business EST on 30 November 2011.

To learn more about Associate Fellowship, please visit our website at: http://www.asmaafg.org

Upcoming FAA AME Seminars

Nov. 18-20, 2011
Portland, OR
N/NP/P

March 5-9, 2012
Oklahoma City, OK
Basic

June 18-22, 2012
Oklahoma City, OK
Basic

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/.

Changes to Emeritus Membership Requirements

During the Annual Business Meeting, conducted on May 10, 2011 at the Annual Scientific Meeting in Anchorage, AK, the AsMA membership voted to approve the recommended changes to the Association Bylaws related to Emeritus Membership. The approved Bylaws for Emeritus Membership are provided here:

ARTICLE III. MEMBERSHIP
SECTION 1. Categories, Qualifications, and Election for Membership.
E. Emeritus Member: The Executive Director shall have the authority to grant Emeritus Membership in this Association as consistent with the conditions and appropriate fee for Emeritus Membership as established by the Council. At age 65, those individuals who have been members for a minimum of 25 years are eligible to apply. Such Emeritus Members shall be entitled to vote and hold office and shall retain all rights and privileges of regular members in good standing. Membership entitles Emeritus Members to the electronic version of the official journal of the Association via the Aerospace Medical Association website. The print version of the official journal of the Association shall be available to Emeritus Members via a subscription at a rate to be determined by the Executive Committee.

Several significant changes should be evident:

1) the requirement to be "fully retired" has been removed;
2) age requirement changed from 62 to 65;
3) AsMA membership requirement changed from 20 years to 25 years;
4) right to vote as active members and hold office returned to Emeritus members; and
5) an appropriate membership fee was added.

An annual Emeritus membership fee of $50.00 US was approved to help offset the administrative costs of maintaining membership records in the AsMA membership database, blast e-mail costs, electronic journal costs and postage costs.

Our Association values the Emeritus members' vast knowledge and experiences. We believe that our Emeritus members have much to offer the Association and should be allowed to continue voting as active AsMA members as well as the opportunity to hold office, should they choose to do so. The approved changes return the right to vote as active members and hold office within the Association. The requirement to be fully retired was removed because many of our members who would otherwise qualify for Emeritus membership could not apply because they continue to work. The membership believed these members were being unfairly penalized and so this requirement was removed from the new Bylaws language.

All current Emeritus members will continue as Emeritus members. However, to maintain your active Emeritus status you must provide AsMA payment of $50.00 US. Current Emeritus members who do not provide the $50.00 US payment by December 31, 2011 will go to an inactive membership status. Annual membership payment can be made in the following ways:

- Credit card payment via the AsMA website Members' Login (www.asma.org)
- Credit card payment via phone call to AsMA Membership Department:
  Gloria Carter – (703) 739-2240 x106
  Sheryl Kildall – (703) 739-2240 x107

Please be sure to update your contact information such as e-mail address and phone numbers when making payment so that we can ensure you receive all communications from the AsMA Home Office efficiently.

AsMA members who believe they meet the new requirements and would like to apply for Emeritus Member status should contact the AsMA Membership Department

We value our Emeritus Members and we look forward to more engagement on Associ-ation issues from them in the future.

Jeffrey C. Sventek, MS, CAsP
Executive Director

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION
(Required by 39 U.S.C. 3685)

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15. Extent and Nature of Circulation:		
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b. Paid circulation		
1. Paid/requested outside county mail subscriptions	1605	1439
2. Paid in-county subscriptions	0	0
3. Sales through dealers and carriers, street vendors, and counter sales	802	766
4. Other classes mailed through USPS	0	0
c. Total paid/requested circulation	2407	2205
d. Free distribution:		
1. Outside county	0	0
2. In-county	0	0
3. Other classes mailed through USPS	0	0
4. Free distribution outside mail	158	66
f. Total free distribution	158	66
g. Total distribution	2565	2271
h. Copies not distributed	335	161
i. TOTAL	2900	2432
Percent Paid and/or RequestedCirculation	93.8%	97.1%