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

As the summer in the northern hemisphere and the winter in the southern hemisphere come to their ends, I hope our global family have enjoyed these seasons. In last month's letter the global span of our organization was validated by the diversity of our Affiliate Organizations. This month I will highlight our Constituent Organizations.

Constituent Organizations have similar objectives and purposes to those of the Aerospace Medical Association. They support these purposes through local meetings, acquaintanceship, and discussion of matters relating to aviation, space, or undersea medicine, or their allied sciences. They increase the value of this Association to their members, and help maintain and increase membership.

Constituent Organizations must have a minimum membership, equivalent to 2% of the active membership of the Aerospace Medical Association (52 members), who must also be AsMA members. Our current Constituent Organizations are as follows:

Aerospace Human Factors Association Aerospace Nursing Society Aerospace Physiology Society Airlines Medical Directors Association American Society of Aerospace Medicine Specialists International Association of Military Flight Surgeon Pilots

Life Sciences & Bioengineering Branch Society of U.S. Air Force Flight Surgeons Society of U.S. Naval Flight Surgeons Space Medicine Association U.S. Army Aviation Medical Association



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

Over the years, these organizations have been the building blocks of AsMA and at one time represented over 80% of our members. As our membership has become more global and the U.S. military membership has decreased, they now represent slightly more than 50% of our membership. Additionally, a significant number of our U.S. members belong to more than one. For example, I started my membership with AsMA as a member of the Society of U.S. Naval Flight Surgeons, then joined the Aerospace Human Factors Association, was one of the original members of the American Society of Aerospace Medicine Specialists, and 5 years ago joined the Airlines Medical Directors Association. If you are not a current member of one of these organizations, I invite you to visit their websites and if you meet their criteria for membership, contact their president and explore joining their association.

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

AsMA Foundation Receives Goldenrath Bequest

The AsMA Foundation recently received a \$100,000 bequest from the trust of Walter and Sylvia Goldenrath. This is by far the largest grant that the AsMA Foundation has ever received.

Walter Goldenrath was a Fellow and Past Vice President of the Aerospace Medical Association. In 2004 he was inducted into the Smithsonian National Air and Space Museum Hall of Fame, where his name is inscribed on the Wall of Honor. Walter and Sylvia were a warm, friendly, devoted, and loving couple. Having no children, they were dedicated to one another as very few couples are. Walter and Sylvia both lived to 92 years of age. Sylvia died in 2003 and Walter in 2010, by which time they had amassed a sizable estate. Most of their bequests went to medically oriented or military-oriented charitable organizations. [To read CAPT Goldenrath's obituary, please turn to ASEM 2009: 80:509.]

The AsMA Foundation bequest is to be used to create an annual award (Walter and Sylvia Goldenrath Award for Aerospace Physiology) for the individual who has made the greatest contribution to aerospace physiology in the previous year. The recipient will be selected by the AsMA Awards Committee with funding through the Foundation from the Goldenrath

bequest and its annual income. The award will be presented at Honors Night at the annual scientific meeting and a plaque with the winner's names will be on permanent display at the AsMA Home Office.

The Foundation appreciates this generous gift. If you would like to donate to the foundation or are considering a bequest, you can find out more by visiting the Foundation page on the AsMA website:

http://www.asma.org/asma_Foundation/ Foundation-index.php

Resolutions by the Aerospace Medical Association

The following resolution was passed at the AsMA Annual Business Meeting in Phoenix in 2010:

Aircrew Fatigue Countermeasures: Prescription Sleep Medications

THEREFORE BE IT RESOLVED: That the Aerospace Medical Association strongly recommends that regulatory agencies, in coordination with aerospace medicine experts, in addition to the established need for adequate crew rest, determine criteria for the safe adjunctive use of prescription sleep medications for off-duty/layover crew use.

The following resolution was passed at the AsMA Annual Business Meeting in Anchorage in 2011:

Aircrew Fatigue Countermeasures: In-Flight In-Cockpit Napping THEREFORE BE IT RESOLVED: That the

THEREFORE BE IT RESOLVED: That the Aerospace Medical Association strongly recommends that regulatory agencies, in consultation with aerospace medicine and fatigue experts, establish policies and procedures to ensure adequate prelight crew rest and criteria for the use of in-flight, in-cockpit napping when safe to do so, during extended flight operations, to avoid fatigue and enhance aircrew performance.

These two resolutions together provide the policy framework for AsMA's response to concerns about aircrew fatigue and its countermeasures. These resolutions have been forwarded to the appropriate agencies (FAA, ICAO, IATA) for their consideration. To read the full resolutions please go to our Policy Compendium on the AsMA website: http://www.asma.org/publications/toc_compendium.php#2011

CAMA Annual Scientific Meeting Tucson, Arizona October 6-8, 2011

"Cognition, Sleep Disorders and Fatigue in Aviation: A Comprehensive View" Superb Faculty AME Seminar Credit Inquiries welcome: david.millett@yahoo.com

Meetings Calendar

September 11-15, 2011; International Congress of Aviation and Space Medicine; Bucharest, Romania. Info: http://www.iaasm.org/congresses.cfm

October 6-8, 2011; CAMA Annual Scientific Meeting; Tucson, AZ. Info: david.millett@yahoo.com

October 17-19, 2011; Air Medical Transport Conference; St. Louis, MO. Association of Air Medical Services Info: http://www.aams.org

October 24-26, 2011; 49th Annual SAFE Symposium; Reno, NV. Grand Sierra Resort and Casino. Info: safe@peak.org; http://www.safeassociation.com

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

Abstract Submission Site Opens September 1!

The 83rd Annual AsMA Scientific Meeting will be held in Atlanta, GA, May13-17, 2012. ABSTRACT DEADLINE IS OCTOBER 31.



European School of Aviation Medicine

Training Courses 2011/2012 for IAA/FAA Aero Medical Examiners

AME class 2

Basic course 21 3–11 September 2011

AME class 1

Advanced course 21 3–11 December 2011

Aviation Medicine/ Travel Medicine

Diploma course 21 17 – 25 March 2012

Venue: Lufthansa Aeromedical Center, Frankfurt Airport.

Application forms and further details under www.flugmed.org or www.eusam.org.



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.
- 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)

- 1. Louis H. Bauer Founders Award
- 2. Mary T. Klinker Award
- 3. Harry G. Moseley Award
- 4. Eric Liljencrantz Award
- 5. Theodore C. Lyster Award
- 6. Boothby Edwards Award
- 7. Julian E. Ward Memorial Award
- 8. Raymond F. Longacre Award
- 9. Arnold D. Tuttle Award
- 10. John A. Tamisiea Award
- 11. Sidney D. Leverett, Jr. Environmental Science Award
- 12. John Paul Stapp Award
- 13. Kent K. Gillingham Award
- 14. Won Chuel Kay Award
- 15. Marie Marvingt Award
- 16. Joe Kerwin Award
- 17. John Ernsting Award
- 18. Walter and Sylvia Goldenrath Award

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

HeartSine & GO₂Altitude Join AsMA as Corporate Members

HeartSine Technologies and GO₂Altitude recently became the newest Corporate and Sustaining Members of the Aerospace Medical Association (AsMA). **HeartSine** provides lifesaving solutions for the diagnosis and prevention of sudden cardiac death. Their goals are to expand the frontiers of medical research with reliable technologies addressing clinical requirements; deal with customers and suppliers with ethics and fairness; and employ highquality and motivated employees and promote an optimal environment for them. For more information on HeartSine, please visit their website at www.heartsine.com.

 GO_2 Altitude is a world leader in developing simulated altitude training devices. They are the creators of the GO_2 Altitude® Hypoxia Education System, a comprehensive, state-of-the-art training system for hypoxia awareness. Their aim is to raise awareness of the potentially fatal and insidious nature of hypoxia by developing innovative technology that practically and theoretically educates aviators and ultimately increases the safety of air travel. To learn more about GO_2 Altitude, please see their website at www.hypoxic-training.com.

ETC's NASTAR Center Completes First FAA Safety Audit

Environmental Tectonics Corporation's (ETC) NASTAR® Center completed its first annual Federal Aviation Administration (FAA) Safety Approval audit and inspection in June for the continued use of the Space Training Simulator (STS-400) centrifuge for its Space Training Programs. The audit continues NASTAR Center's FAA Safety Approval for another year. The NASTAR Center's FAA Safety Approval, first issued in April 2010, was the first approval of its kind granted by the FAA Office of Commercial Space Transportation (FAA AST) to provide Spaceflight Training. The approval was granted for an initial 5-year period, subject to periodic audits, and this was NASTAR Center's first audit. The successful audit signifies that NASTAR Center can offer training using the STS-400 to prospective launch operators to meet the Crew Qualification and Training Requirements of 14 CFR 460.5.

Representatives from FAA AST, Washington, DC, conducted the audit. The audit consisted of a review of conformance to the terms of the Safety Approval as well as a review of the STS-400, including operating and safety procedures, operation and maintenance manuals, and inspection and maintenance documentation. Additionally, the use of the STS-400 in the NASTAR Center space training programs was reviewed and several training profiles were observed. NASTAR Center's Aviation and Space Programs and Educational Outreach programs provide education from first grade to professional space pilots.

—For more, see www.etcusa.com/corp/pressreleases/NR060911.html.

Wyle's Aerospace Group Headquarters Honored

The headquarters of Wyle's largest operating group in Lexington Park, MD, was honored as the Patuxent Partnership's Member Firm of the Year during the College of Southern Maryland's 11th Annual Leading Edge Awards. They were selected after an extensive review process by the Patuxent Partnership.

Wyle's Aerospace Group performance metrics were considered, including notable contract wins such as instructor support for the U.S. Naval Test Pilot School, F/A-18, E/A-18G, and FMS program office support for the Naval Air Systems Command, and NAVAIR's Aviation Readiness and Resource Analysis Program Life Cycle Support. Wyle's employee culture and community involvement were also highlighted. This included companysponsored efforts to assist organizations such as Christmas in April, St. Mary's Day of Caring, Maryland's Adopt-a-Highway Program, The American Red Cross, and Wyle's employee directed committee "Wyle Cares."

The recognition is the second Leading Edge Award that Wyle has received in the past 3 years. The company also received the College of Southern Maryland's Foundation Partnership in Education Award at the Leading Edge Awards in 2009.

—For more, please visit www.wyle.com/News/ Pages/07-08-2011.aspx.

American Airlines Wins Publishing Awards

American Airlines Publishing (AAP) was honored with five prestigious Magnum Opus Awards in June. This media awards program recognizes excellence in editorial, design, and strategy in print, online publications, and social media. *American Way*, the in-flight magazine of American Airlines and American Eagle, was honored with First Place wins in three categories. The awards included First Place in Best Travel Magazine Category for the December 1, 2010, issue. The November 15, 2010, feature article, "Going Strong" won the First Place award in the Best Interview or Profile category. First Place for Best Feature Article was "MVP," the July 1, 2010, article.

Celebrated Living, the First- and Business-Class magazine of American Airlines and American Eagle, won First Place for Best Special Topic Issue for the Fall 2010 Food and Wine issue. Celebrated Living also won Honorable Mention in the Best Interview/Profile category for the Winter 2010 cover story, "The Real Deal: Josh Brolin."

—To read more, visit http://aa.mediaroom.com/index.php?s=43&item=3283.

SAA Wins Two Awards

South African Airways (SAA) has won the Best Airline Africa award for the ninth consecutive year and the Service Excellence Africa award for the second consecutive year. The Skytrax awards were presented in Paris in June. The lucrative title "Best Airline Africa" is awarded to the airline rated the best in the region for all items of airline front-line product and service. The Skytrax awards are based on customer responses to an online survey, which is run over a 10-month period. The study analyzes customer satisfaction across the airport and onboard environments. The survey included over 200 airlines and measured standards across more than 38 different items of airline front-line products and service.

—For more, visit www.flysaa.com/Journeys/cms/ZA/flyingSAA/_categories/News/saa-wins-two-major-skytrax-awards.html.

Mayo Clinic Named to Best Hospitals List

U.S. News & World Report has named Mayo Clinic to its annual list of "Best Hospitals" for the 22nd year. Hospitals included in the Honor Roll are part of a small group recognized for "breadth of excellence," according to the magazine. The rankings were announced recently on U.S. News & World Report's website

To make the "Honor Roll," a medical center has to rank at or near the top in at least 6 of the 16 specialties included in the rankings. Mayo Clinic in Rochester, MN, was ranked in the top 5 in 12 of the 16 specialties, in the top 3 in 10 specialties, and No. 1 in 4 specialties. The rankings are based on factors such as reputation, mortality index, patient safety, nurse staffing and Magnet status, patient services, and technology. Mayo Clinic was ranked among the top 5 in 11 of the 12 specialties that factor volumes, outcomes, technology, and safety metrics into the rankings.

—To read more, visit www.mayoclinic.org/news2011-rst/6368.html.

ALPA Prepares for New Pilot Fatigue Rule

For decades, the Air Line Pilots Association, International (ALPA), has advocated for regulations that are based on science; apply equally to all airline operations, including domestic, international, and supplemental; and enable air carriers to establish Fatigue Risk Management Systems. Over the past 2 years, the FAA, airlines, and airline employees, including ALPA, have engaged in a joint effort to develop recommendations to submit to the FAA, who issued a final rule on flight- and duty-time limits and minimum rest requirements for U.S. airline pilots in August. The new regulations are the culmination of years of work by ALPA to engage the airline industry in developing modern duty and rest rules for pilots. ALPA is analyzing the language to determine how well it meets the union's longstanding principles for addressing pilot fa-

—For more, please visit www.alpa.org/Portals/ Alpa/PressRoom/PressReleases/2011/FTDTRule_ 7-14-11.htm.

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to: News of Members **Aerospace Medical Association** 320 S. Henry Street Alexandria, VA 22314-3579 pday@asma.org

NEWS OF MEMBERS

Member News

Paul Friedrichs, Col., USAF, MC, formerly with the AF-VA Joint Venture Hospital at Joint Base Elmendorf-Richardson, AK, has been reassigned as Pacific Air Forces Command Surgeon, Joint Base Pearl Harbor-Hickam, HI.

Ronak Shah, D.O., M.P.H., an AsMA Student Member, was recognized by UTMB at their Outstanding Residents Award Ceremony re-

Obituary Listing Calvin J. Crochet

Cal Crochet, a former AsMA member, died in June. He joined the Louisiana National Guard as an infantry rifleman in 1952 and

then the U.S. Air Force in 1954, where he served until 1976, retiring with the rank of Lieutenant Colonel. While in the Air Force, he flew various fixed and rotary wing aircraft, ultimately becoming a Command Pilot with 8000 flight hours. He flew during some of the nuclear bomb tests at Eniwetok Atoll and completed four combat tours in support of Southeast Asia air operations. He later became Command Life Support Officer at Strategic Air Command (SAC) and, after he retired, remained at SAC as the Command Life Support Acquisition Manager.

In 1984, Cal started a third career as an Industry Consultant focused on life support equipment, working with companies such as Honeywell, Gentex, and Cobham until he retired for good. He was recognized by the USAF Life Support Community with the title of Honorary Chief, a rare honor. He was also awarded a Lifetime Achievement Award from AsMA's Life Sciences and Biomedical Engineering Branch and was honored by the SAFE Association in 2008 with their Award for Career Achievement.

New Members

Blossom, Jessin H., M.D., Oak Harbor, WA Hewagama, Anusha, Wg.Cdr., M.B., B.S., Bataramulla, Sri Lanka Loughman, Ashley, M.B., B.S., Kensington, NA, Australia Mirski, Dan, Lt.Col., M.D., Dayton, OH Powell, Marion, Capt., USAF, MC, McGuire Prachyabrued, Mores, Lafayette, LA Pruett, Billy D., Col., MAAF, Wright Patterson AFB, OHii

Updated News of Members Form Online!

A new online pdf form is available on the Members Only page so you can update your fellow Members on what you're up to. Send us news of awards, promotions, etc. Please remember to send us your e-mail address!

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 associatefellows@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

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 Association issues from them in the future.

> Jeffrey C. Sventek, MS, CAsP **Executive Director**

INDEX TO ADVERTISERS

Aerospace Medical Association
Award Rules931
Call for Papers
Corporate Members
Foundation iv
Information for AuthorsCover III
Membership Applicationiii
Euorpean School of Aviation
Medicine
ETC
IntelliQuest Mediaii
UHMS

Thank You! Corporate and Sustaining Members of the Aerospace Medical Association

Now in Our 82nd Year!



The financial resources of individual members alone cannot sustain the Association's pursuit of its broad international goals and objectives. Our 82-year history is documented by innumerable medical contributions toward flying health and safety that have become daily expectations by the world's entire flying population—commercial, military, and private aviation. However, support from private and industrial sources is essential. The following organizations, who share the Association's objectives or have benefitted from its past or current activities, have affirmed their support of the Association through Corporate Membership.

Aerospace Medical, PLC

Aerospace Medicine Residency

Program, UTMB

Air Canada

Aircraft Owners and Pilots Association

Air Line Pilots Association

American Airlines

Aqua Lung America

Archinoetics/Fatigue Science

Armed Forces Benefit Association

Aviation Medicine Advisory Service

Baxter Healthcare Corporation

Centers for Disease Control and

Prevention/National Institute of

Occupational Safety and Health

Cobham Life Support

David Clark Company, Inc.

Dowling College

Eagle Applied Sciences, LLC

Education Enterprises, Inc.

Egyptian Aviation Academy

Environics, Inc.

Environmental Tectonics Corporation

Gentex Corporation

GO₂ Altitude

Harvey W. Watt & Company

HeartSine Technologies, Inc.

InoMedic, Inc.

Instituto Nacional de Aviaco Civil

International Federation of Air Line

Pilots Associations

Lifeport, Inc.

Lockheed Martin

Martin-Baker Aircraft Company Ltd.

Mayo Clinic

MedAire, Inc.

Mondial-Assistance Australia

NeuroKinetics Health Services (BC), Inc.

NOMADiQ Defence Solutions

Oregon Aero, Inc.

Pilot Medical Solutions, Inc.

Psoria-Shield, Inc.

South African Airways

Spectrum Aeromed

Sperian Protection Opitical, Inc.

United Airlines

Universities Space Research Association

Verathon Medical

Wyle