"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

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.
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 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 consultation with aerospace medicine and fatigue experts, establish policies and procedures to ensure adequate pre-flight 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

- October 6-8, 2011; CAMA Annual Scientific Meeting; Tucson, AZ. Info: dave.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.safe-association.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, May 13-17, 2012. ABSTRACT DEADLINE IS OCTOBER 31.

European School of Aviation Medicine

Training Courses 2011/2012 for JAA/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.
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)
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
News of Corporate Members

HeartSine & O₂Altitude Join AsMA as Corporate Members

HeartSine Technologies and O₂Altitude 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.

GO₂Altitude, a leader in developing simulated altitude training devices. They are the creators of the O₂Altitude® 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 GO₂Altitude, 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.

Wyle’s Aerospace Group Headquarters Honored

The headquarters of Wyle, a leading aerospace and engineering services company, has been honored by the Patuxent Partnership of the Aerospace Medical Association (AsMA) as the new headquarters for the year. The award is part of the Partnership’s efforts to recognize companies that support the aviation and aerospace industry. The headquarters, located in Laurel, Maryland, is home to Wyle’s Aerospace Group, which provides a wide range of services to the aerospace industry, including engineering, technical, and support services.

American Airlines Wins Publishing Awards

American Airlines (AAP) was honored with five prestigious Magnum Opus Awards in June. These media awards program recognizes excellence in editorial, design, and strategy in print, online publications, and social media. Among the awards, American won its first place in the in-flight magazine of American Airlines and American Eagle in the Best Interview category. The company also received the College of Southern Maryland’s Foundation Partnership in Education Award for the Leading Edge Award in 2009.

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.

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 develop Fatigue Risk Management Systems. Over the past 2 years, ALPA, the FAA, 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 long-standing principles for addressing pilot fatigue.

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 services.

ALPA Press Releases

—To read more, visit www.alpa.org/Portals/Alpa/PressRoom/PressReleases/2011/FTDTRule_7-14-11.htm.
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 re-assigned 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 recently.

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
Minski, Dan, Lt.Col., M.D., Dayton, OH
Powell, Marion, Capt., USAF, MC, McGuire AFB, NJ
Prachayabude, Mores, Lafayette, LA
Pruett, Billy D., Col., MAAE, Wright Patterson AFB, OH

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. Svencel, MS, CASP
Executive Director

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

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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