

President's Page

As Dr. Thibeault indicated in his final presidential column last year, for us to achieve the Association's goals it is important that we maintain continuity and build on our successes from one year to the next. In support of that objective, many of the accomplishments this year are the result of a continuation of efforts initiated in 2003 and earlier.

Given the importance of communications and interactions among our membership we have maintained a steady focus on upgrading our website. In addition to using a new architecture, we wanted to have a website that would expand on our existing capabilities and allow members of our Home Office staff to more readily revise and update information on the website. Following a review of proposals, a contractor was chosen. They have identified requirements from the Council and other members and are currently working on the revision to the website and the translation of our membership data from a flat file to a database that facilitates many of the features of the new website. If all goes as planned, a demonstration of the site will be available during the meeting in May. The new website will not only enhance our ability to provide information to the general public, but it will reduce costs associated with communicating with the membership concerning dues renewal and other issues.

On another front, members of the Scientific Program and Education and Training Committees have worked together to ensure that we can provide Maintenance of Certification (MOC) life long learning credit for many of the panel sessions presented during our annual meeting. Information regarding procedures for receiving MOC credit will be provided at the meeting. Dr. Dan Van Syoc, chair of the Education and Training Committee and Dr. Rayman are also working toward preparing the material required for us to maintain our ACCME accreditation. This is an extensive effort and involves gathering a substantial amount of information concerning the planning of our annual scientific meeting. The review will be conducted in 2004, so if Dr. Rayman seems a bit more frazzled this year, you'll know why.

From a financial point of view, the folks at our Home Office have been busy responding to last year's audit. In particular, Dr. Rayman and members of the Finance Committee have reviewed and implemented many recommendations. Thus, we have ensured that the financial activities of the Association are handled in accordance with the "best business practices" of non-profit organizations. As part of that effort, a closer working relationship was forged between the Home Office and the Finance Committee to improve our ability to develop a budget and forecast potential difficulties in the future. The focus on "best business practices" was evident in other areas as well. For example, during the year we reviewed and revised the contract, position description and performance



David J. Schroeder, Ph.D.

standards of the Executive Director. Within each of these areas the Executive Committee has established new and improved procedures. By maintaining continuity in the years that follow, we will enhance the effectiveness of the Association and the Home Office.

As indicated last year, the "Blue Journal" is now online. Ms. Pam Day has been working actively to alert more librarians of the availability of the on-line version of the journal. To date, over 130 individuals and 115 institutions have registered to view the journal on-line. It is too early to tell how this move will effect journal operations. However, it will provide an opportunity for our international members to gain quick access to our work.

News concerning the electronic submission and review of manuscripts for the journal is also positive. I had an opportunity to review a manuscript via the new electronic system and found it easy to use. What's more, it dramatically improves the ability of Dr. Nunneley, the journal staff, and authors to keep track of the status of each manuscript.

Speaking of the journal and our work, hopefully you noticed that AsMA approved two position papers: one involving the Age 60 Rule, the other involving the use of Selective Serotonin Reuptake Inhibitors (SSRI) by flight crews (published in this issue). If you haven't had an opportunity to read these yet I would encourage you to do so. They represent your Association at its best, and will undoubtedly contribute significantly to the national debate on these important topics.

In March, the Executive Committee met for an extra day to work on a strategic plan for the Association. The framework for the plan was provided to Council for review and additional planning is underway. At our last meeting in February we identified some specific items of focus during the next year. This gives Dr. Antuñano an early start on some planning for his year as president. Please continue to provide input concerning issues that you feel need to be addressed as part of the strategic plan. The future of the Association is in your hands.

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We also received some great news this week. Our association has been selected for induction into the National Aviation Hall of Fame located in Dayton, OH. They have inducted both individuals and organizations annually since 1962 and 1981, respectively. The Milton Caniff Spirit of Flight Award is presented annually to a group or organization that has "made a significant contribution to America's aviation heritage." How appropriate to receive this recognition during the year of our 75th anniversary. Thanks to Mr. John Frazier and Dr. Bill Albery, who developed and submitted the nomination package for AsMA. We will be inducted during the ceremony in July 2004.

In closing, I would like to thank the many individuals who have supported the Association this past year. Thanks to Dr. Manning, Chair of the Scientific Program Committee and her team, as well as others who supported the review of the abstracts and preparation of the program. Your efforts are greatly appreciated, along with those who contributed of their time and effort to prepare presentations for the meeting. I also want to thank Dr. Rigg for his support as the Arrangements Committee chair. The committee members included: Dr. Petra Illig, AME/Anchorage; Col. Matthew Raymond, D.O. Bassett Army Community Hospital, Fairbanks; Dr. Kenneth Glifort, Director, Alaska Native Medical Center, Anchorage; Dr. George Conway, USPH, Anchorage; and Dr. Willis Simmons, Johnson Space Center, Houston. Dr. Rigg was actively involved in bringing the meeting to Anchorage and his connections have ensured that many unique opportunities are available to attendees. I would also like to thank Dr. Scott Shappell for his helpful review of presidential columns and generous recommendations for improvement in the contents.

There are many other individuals who have contributed to the achievements we have had this year, the Council, members of the Executive Committee, Dr. Rayman and members of the Home Office staff, in particular, Ms. Pam Day who has provided input and editorial review of my ramblings. Pam and Ms. Rachel Trigg scanned in numerous photographs from AsMA's historical files that were used to prepare a historical perspective on the 75 years of our association. For those of you not at the meeting, Ms. Elaine Pfeleiderer prepared a PowerPoint review of the 75 years of history involving our Association. Her skill at developing the presentation went beyond expectations and fully reflected the many activities of the Association since the first meeting in 1929.

I would also like to thank the president-elect, Dr. Melchor Antuñano for his support and willingness to further efforts to ensure continuity between programs and activities initiated that will only come to fruition in future years. I know that the Association will be in good hands when I turn over the presidential duties. I would like to ask each of you to review your commitment to the Association and identify areas in which you can contribute to the advancement of aerospace medicine. As the strategic plan is fleshed out during 2005, take the opportunity to volunteer to actively support one of the goals/objectives. In addition, I would ask that the more senior members assume an active role in encouraging and mentoring those new to the association. In particular, we need to focus attention on mentoring more women members, so we find more of them in leadership positions within the Association.

In closing, I would like to thank each of you for making this year one of the best I have had with our Association.

Medical News

Executive Director's Column



Rayman

Executive Director Duties

Many of our members have asked me exactly what I do as Executive Director of AsMA. (Several were under the impression that it was a part time job.) Consequently, I want to give you some idea of my daily responsibilities.

In general, and not necessarily in order of priority, I am charged with managing the Home Office, supporting the officers and committee chairs, responding to individual members, serving as General Chair of the Annual Scientific Meeting, keeping abreast of aerospace medicine issues, and representing AsMA in articulating our policies.

Managing the Home Office is somewhat like managing a small business. This includes such mundane matters as budgeting, contract management and personnel. My major concern is ensuring that the job gets done, there is harmony among the staff and that our income exceeds our expenses at the end of the year. With a small staff, and a modest budget, this responsibility is not unreasonably demanding.

Our officers and committee chairs are all volunteers and assume those responsibilities of their respective offices on their own time. However, the Home Office must provide some support. Consequently, we attend to a host of administrative needs. In my case, I respond directly to our officers and follow through on all Executive Committee and Council action items.

A considerable amount of my time is spent in responding to inquiries from individual members. Many of these inquiries are academic including aeromedical disposition, diagnosis of complex cases, reviewing professional papers and, in general, functioning as a consultant without portfolio. As part of this responsibility, I have responded to the officers by convening working groups in the Home Office to prepare proposed AsMA positions on current issues. Examples include Medical Guidelines for Airline Travel, Medical Guidelines for Space Tourists, Alternative Medicine and the Aviator, and Emergency Medical Kits/Automatic External Defibrillators for Commercial Aircraft. (I might add that this is a very satisfying aspect of my responsibilities.)

In addition to these academic activities, I also spend some time assisting our members with more mundane matters such as questions regarding dues, the Annual Scientific Meeting, and Journal issues etc.

A major responsibility is serving as General Chair of the Annual Scientific Meeting. Although the actual nuts and bolts work is done by contract and by many AsMA member volunteers, I am responsible for ensuring that everything is completed as required and that all pre-meeting planning is properly coordinated. This requires a number of meetings with the players during the year, particularly in the November to April time-frame. I work particularly close with our Meeting Planner (Accurate Image Marketing). Most of you know what a job it is to plan a meeting for 50-100 individuals. So you have some idea of the myriad details that go into the planning of our meeting that attracts 1,400 to 1,800 attendees. Every meeting is a challenge in that the venue changes, as do many of the volunteers. This makes it extra interesting and extra challenging.

As Executive Director, I must remain current in all aspects of aerospace medicine. This does include programatics, but it also includes the academics of our specialty as well as clinical medicine which enhances my credibility with Congressional offices, government agencies, and the media. It requires keeping up with the aerospace medicine literature and staying in contact with international and national regulatory authorities, the military services, the space program, and academia. By keeping abreast professionally and keeping my ear to the ground, I can identify issues

Bioaeronautical Lab at CAMI Receives ABFT Accreditation

The 56th annual meeting of the American Academy of Forensic Sciences (AAFS) was recently held in Dallas, TX (February 15-21, 2004). During the Toxicology session it was announced that the Bioaeronautical Sciences Research Laboratory had obtained the distinct honor of becoming the 15th laboratory to be accredited by the American Board of Forensic Toxicology (ABFT). The laboratory is located in the Civil Aerospace Medical Institute (CAMI), in Oklahoma City, OK.

The AAFS and the Society of Forensic Toxicologists (SOFT) are two of the world renowned sponsors of the ABFT, with regard to their prestige and expertise in the area of Toxicology. The ABFT is one of the premier organizations in the world concerned with certifying individuals through their awarding of Diplomate status, and awarding selected "medical-examiner" laboratories with lab accreditation. According to the program outline the ABFT certification program is designed to "enhance and maintain standards of practice for the detection, identification and quantitation of alcohol, drugs and other toxins in biological specimens". The standards used in this program are based on the report of the joint SOFT/AAFS Forensic Laboratory Guidelines Committee and the Accreditation Committee of the ABFT. The Accreditation Committee feels that it is important to differentiate the Forensic Toxicology Laboratory Guidelines, which were set out as a goal for ALL laborato-

ries to strive towards, from the minimum professional standards, which must be met for an ACCREDITED laboratory. There is, and should be, a difference between accredited and non-accredited laboratories. Laboratories eligible to apply are those performing postmortem toxicology to include at least the detection, identification and quantitation of alcohol and other drugs in biological specimens, to include blood and/or serum. Laboratories seeking accreditation are required to submit a Litigation Package and copies of Proficiency Test Summary Reports for acceptable alcohol and other drug related programs with the initial application. Acceptable drug proficiency testing programs include the FAA's CAMI post-mortem forensic toxicology (PFT) program. Completed applications are forwarded to the Accreditation Committee, and upon satisfactory review, a laboratory inspection is arranged. Each Inspection team will consist of at least 2 Diplomates of the ABFT. Inspections include a long and detailed checklist review of scores of items, including the lab's staffing, physical plant, equipment, policies and procedures. The Accreditation Committee then reviews the final inspection report and any additional pertinent correspondence. The committee's recommendation must then be unanimously approved before it can be forwarded directly to the Board of the ABFT.

coming down the road. By so doing, we have been able to develop and publish position papers, resolutions, or simply letters elucidating our position. (This process was described in my columns in the December 03, January 04, and March 04 issues of ASEM.) I believe this is extremely important and it is for this reason that I give this activity high priority.

As your Executive Director, I am frequently called upon to articulate AsMA policy to newspapers, radio stations, TV, and magazines. In addition, I am frequently invited to speak at various academic forums including medical societies/associations and medical schools. Because AsMA has been relatively aggressive in policy formulation in recent years, it is relatively easy for me to articulate that policy to others.

In addition, your Executive Director has been called upon to represent AsMA at a number of forums including the International Civil Aviation Organization, the Air Transport Association of America, the Institute of Medicine of the National Academy of Sciences, and the NASA Aerospace Medicine and Occupational Health Advisory Committee, to name a few.

That, in general, is what I do on a daily basis -- I would say it certainly is not a part time job as some may think. The greatest pleasure I have gotten from this job has been making friends of outstanding individuals worldwide.

This certification came as the successful

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culmination of the laboratory's third inspection in less than 2 years. The previous two inspections were by the College of American Pathologists (CAP) and, both of those inspections resulted in no deficiencies whatsoever. Those inspections resulted in recertification with distinction by the CAP. The new certification makes CAMI's Bioaeronautical Sciences Research Laboratory the only laboratory in the country to be certified by both the ABFT and the CAP.

CAMI's Bioaeronautical Sciences Research Laboratory has long served as the primary national toxicology-testing site for federal agencies, including the Federal Aviation Administration and the National Transportation Safety Board. Accident and fatality testing is routinely conducted on a wide variety of biological specimens, when specimens are available from flight crew fatalities. At the request of the NTSB, CAMI may also perform toxicological testing on biological materials obtained from living subjects involved in a significant transportation related accident, such as a major Railway, Maritime, Pipeline or Highway incident. Because of the legal consequences of a positive drug finding, such tests are considered "forensic" testing. Therefore, it is crucial that laboratories maintain high standards of quality assurance/quality control.

CAMI is the medical certification, research, education, and occupational health wing of the Federal Aviation Administration's Office of Aerospace Medicine, which is under the Associated Administrator for Regulation and Certification. The focus at CAMI is on the human element in flight and the entire human support system that embraces civil aviation.

This Month in Aerospace Medicine History-- May 2004

By *Walter Dalitsch III, M.D., M.P.H.*

Seventy-five Years Ago

The president of the Association in 1929 was Louis H. Bauer, M.D., who served from 1929 to 1931. To allow his appointment as first medical director of the Aeronautics Branch of the Department of Commerce, Dr. Bauer had resigned from the U.S. Army in November of 1926. His first task was to establish physical requirements for aviators, and he modified the Army Air Corps' standards that he had helped to prepare years earlier.

The initial meeting of the Association had involved a total of twenty-nine medical examiners who had been approved by Dr. Bauer. This meeting took place in Washington, D.C. on December 15, 1928, and a significant outcome of this meeting was to form an organization of physicians to work chiefly in aviation medicine.

The initial name was unanimously chosen as "Aerial Medical Association," but when the tentative constitution was printed several weeks later, the name was listed as "Aero Medical Association of the United States."

The first actual scientific meeting was not held until October of that year (1).

Fifty Years Ago

The president of the Association in 1954 was Rear Admiral B. Groesbeck, Jr., USN, who had served during the previous year. He turned

over the presidency to Brigadier General Otis O. Benson, Jr., USAF, who served another year until 1955 (6).

The twenty-fifth ("silver") anniversary meeting of the Association was held in Washington, D.C. at the Statler Hotel from March 29 to 31, 1954 (4). At that time there were 1800 members, the first vice president was chosen, and the Executive Council created the Louis H. Bauer Lecture in preparation for the 1955 meeting. Later, Dr. Bauer resigned after 25 years as Editor-in-Chief of the *Journal of Aviation Medicine* (7).

Twenty-five Years Ago

The president of the Association in 1979 was George Catlett, M.D., who had served during the previous year (3). He turned over the presidency to Charles Billings, M.D., who served another year until 1980 (2).

The fiftieth Annual Scientific Meeting held May 14-17, 1979 at the Sheraton-Park Hotel, Washington, D.C.

A book was commissioned by the Aerospace Medical Association for its fiftieth anniversary. Written by Eloise Engel and Arnold Lott and published 25 years ago this month, it was entitled "Man in Flight: Biomedical Achievements in Aerospace." It is still a worthy reference for the history of medicine's contribution to man's achievements in aviation and in space (5).

REFERENCES

1. Benford RJ. Louis Bauer: founder of the Aerospace Medical Association and its journal. *Aviat Space Environ Med* 1979; 50(5):431-8.
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3. Catlett G. Looking backward. *Aviat Space Environ Med* 1979; 50(5):427.
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5. Man in flight: Biomedical achievements in aerospace. [Advertisement.] *Aviat Space Environ Med* 1979; 50(5):421.
6. Past presidents. *Aviat Space Environ Med*, 1979; 50(5):429.
7. Stoffel F. The first 50 years of the Aerospace Medical Association: highlights from the Association's journal. *Aviat Space Environ Med* 1979; 50(5):439-47.

AsMA Future Meetings

May 2-7, 2004
Egan Convention Center
Anchorage, AK

May 9-12, 2005
Kansas City, MO
Hyatt Regency Crown Center

May 14-18, 2006
Caribe Royale Hotel
Orlando, FL

May 13-17, 2007
Sheraton and Marriott Hotels
New Orleans

May 11-15, 2008
Sheraton and Hilton Hotels
Boston, MA

SAFE Symposium Call for Papers

The SAFE Association has issued a Call for Papers for its upcoming 42nd Annual SAFE Symposium. The symposium will be held September 27-29, 2004, at the Grand America Hotel, Salt Lake City, UT.

This is the premier meeting for the professionals who have shaped safety in aviation, space, land, and military disciplines. Topics will include, but are not limited to: Commercial and Military Crash Safety; NBC Protection; Acceleration; Ejection; Life Support systems; Testing Methods; Simulation; Hearing Protection; Human Factors.

SAFE now accepts only electronic abstracts: safe2004@athenagtx.com or safe@peak.org. The deadline is July 20. The final paper in CD format for the SAFE Proceedings is due by August 13. NEW THIS YEAR: A PowerPoint presentation in final presentation format must be either e-mailed to safe2004@athenagtx.com or sent on a clearly labeled CD to the SAFE Office to arrive no later than 17 September. 2004. Info: (541)895-3012; www.safeassociation.com.

JOURNAL IS NOW ONLINE!

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MEETINGS CALENDAR

May 25-26, 2004, Sydney, Australia.

Workshop on Remote Management of Mild DCI. Info: Undersea and Hyperbaric Medical Society (UHMS): (301) 942-2980; email: uhms@uhms.org; websites: www.uhms.org or www.iceaustralia.com/uhms2004/.

June 21-23, 2004, Baltimore, MD.

The 2004 Defense Medical & Procurement Conference Developing Business Building Alliances, sponsored by the U.S. Army Medical Research and Materiel Command at Ft. Detrick. Info: 703-807-2027.

August 11, 2004, Leicester, UK.

UK SPACE MEDICINE DAY. University of Leicester, Leicester, UK. Full day of presentations, workshops and posters by leading UK and International Space experts. Conference pack issued. Cost: £20. Contact: alysoncalders@doctors.org.uk.

September 20-24, 2004, New Orleans, LA.

48th Annual Meeting of the Human Factors and Ergonomics Society. Info: HFES (310)394-1811; info@hfes.org; http://hfes.org.

September 27-29, 2004, Salt Lake City, UT.

SAFE Association 42nd Annual SAFE Symposium. Info: Jeani Benton(541)895-3012; www.safeassociation.com.

AEROSPACE PHYSIOLOGY REPORT

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Operation Solutions in Aerospace Physiology

by Lt Jerry Fausch, 9th Physiological Support Squadron Beale AFB CA

United States Air Force Aerospace Physiology Program was propelled over new horizons in recent years. These ridge-crossings led to a myriad of solutions and improvements for the warfighters. The unified efforts of multidisciplinary Team Aerospace set the pace to another historical year. The vector remains aimed toward performance enhancement; both in aviation-related and direct mission support.

The employment of Human Performance Training Teams (HPTT) is by far the most significant advent of the USAF Aerospace Physiology program. HPTTs have broadened the viewsite on our scope by implementing mission-specific training syllabi in previously untapped operational support communities. Direct integration to wing and ground safety was key to HPTT success throughout the Air Force. Aerospace physiologists and technicians programmed and delivered creative methods for just-in-time training that ultimately reaped benefits at flying wings. HPTTs conducted briefings covering everything from circadian rhythms to visual illusions in career fields

ranging from Combat Controllers to Security Forces.

The Air Force Surgeon General's Endurance Management Program highlights the need to use smart scheduling techniques and provide fatigue countermeasures training to all individuals who impact mission effectiveness. Air Force Research Lab's Fatigue Avoidance Scheduling Tool offers real promise in diminishing fatigue with the aid of computer-based programs. The new Air Force Fitness Program was implemented recognizing that the fit warfighter is better prepared to work in stressful environments.

Other innovations anchored to the Aerospace Physiology community include CAF Counter Fatigue Programs. The development of a gel-based dextroamphetamine product (Go-pill) for the high altitude reconnaissance program was a first-ever adaptation of Go-pills to the U-2 program. The Air Combat Command launched an Aircrew Nutrition Working Group comprised of physiologists, dieticians, operators, and flight surgeons. The team developed several exportable products that targeted improving aircrew diet. Education through a number of resources including Health and Wellness Centers, Flight Medicine, and Aerospace Physiologists emphasized pre-mission meals and healthy alternatives to high-fat foods traditionally pro-

vided at squadron snack bars.

On the leading edge of major air campaigns across the globe, High Altitude Airdrop Mission Support (HAAMS) teams provided expert operational support under sometime austere conditions. The first in during Operation Enduring Freedom, C-17 crews with the assistance of HAAMS teams delivered from high altitude over 8 million pounds of badly needed food rations to the Afghan people. The High Altitude Reconnaissance Mission Support (HARMS) teams continued the heritage of full pressure suit and U-2 pilot integration in over 10,000 man-days at forward operating locations. Treatment of decompression sickness was expanded to include the employment through the use of the Emergency Evacuation Hyperbaric Stretcher or Hyperlite- in theaters of operations and Forward Operating Locations (FOLs); especially for the U-2 community.

Traditional chamber-based facilities maintained operational readiness for aircrew through tailored physiological courses, but aircrew performance enhancement information is imbedded throughout training programs, including Night Vision Goggles (NVG) programs, G-awareness training, and crew resource management. The implementation of simulator-based training--and especially

See *PHYSIOLOGY*, p.477.



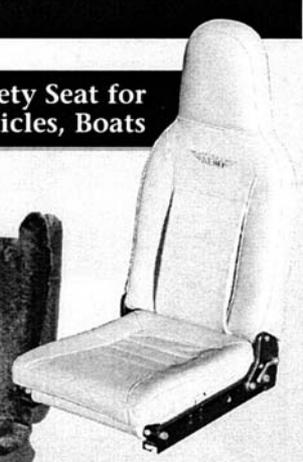
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Message from Lady Baird

SWAN SONG: "A person's last composition" *The Concise Oxford Dictionary*

This title was suggested by Dale Orford and I am happy to refer to that theme. Actually we do have swans at the bottom of our garden in a small river, they breed in this area every year and have 5 cygnets this time around. Swans mate for life - wish humans did!! This swan would cause a tidal wave in a lake!

The ornithologist in our household tried to think of a species that applied to yours truly and came up with "a tough old bird"!! However, this TOB is feeling rather emotional today as my "composition" will indeed be the last I write as President for the WING page.

It has been one of my greatest pleasures to lead the Alaska team, and to represent our members for the past year. I was thrilled to be elected as the first British President and hope that in spite of my lack of knowledge of "Robert's Rules", I was a fairly good "Leader of the Pack". I have been advised and supported by a team of good friends and thank the Board most sincerely for keeping me on the right track.

We leave here on 29th April for the 49th State, and the AsMA Journal for May will await our return. It is unlikely that this article will be seen until after the Conference.

I hope that everyone will have enjoyed the arrangements made by Ludy Rayman; she is like a whirlwind and totally exhausted me running around Anchorage last year. Her knowledge of all things connected with the WING is amazing, and we accomplished all that we set out to do in 24 hours.

The reason for this page is mainly to inform about WING activities and to share news of our members. Dale Orford has been outstanding in producing excellent "copy", and I know that she spends a great deal of time in assembling the "NEWS". It is obvious that she enjoys doing it, so much so that she will continue doing it for another year.



LADY MARY tries to maintain decorum at the meeting in San Antonio.

Thank you, Dale - your work is gratefully appreciated by us all.

It is sad that many of you are unable to attend our annual re-unions; we will miss seeing you in Alaska. For those of you who will be there, I hope that the 2003-2004 Board served you well. I am sure that you will all support Harriet Hodgson and her team during her Presidential year that will culminate at the AsMA Conference in Kansas City in 2005. If you are in the vicinity of KC and able to assist perhaps you can get in touch with Harriet-refer to your Directory - which as ever has been produced by Judy Waring. Cleaning the "Augean Stables" is nothing compared to the amount of work that it takes to collate all the WING members' names, addresses etc.

It has been my privilege being President of the WING this year, and on behalf of the Board may I send our very best wishes to you and your families for good health and happiness in the future.

Yours,
Mary Baird

P.S. What will I do with my time now?

Meet New Member: Susan Claypool

Susan Claypool joined us in San Antonio for her first AsMA meeting and quickly got into the swing of Wing activities, making many new friends. A native of Minnesota, Susan grew up on a dairy farm not far from Rochester where she and husband David, an emergency medicine physician at Mayo Clinic, currently reside. They are the parents of three sons, Ben, 24, Samuel, 16, and Max, 15. The Claypool family is rounded out by two cats, Tabby and Tiger.



Now that her boys are older, Susan has returned to her career as a teacher and substitutes in the public school district, teaching American history, science, ESOL, Spanish, or as Susan says, "generally going wherever I am needed. I love working with children in the schools. In particular, I have enjoyed working with high school students". She is also contemplating returning to school as a student herself, and pursuing her master's degree.

As a very active member of Rochester's volunteer community, Susan enjoys her role as a 1st soprano with the Rochester Orchestra and Chorale. She says, "We perform several times a year, and this December, we will be presenting 'The Messiah'. As well, I am the librarian for the Chorale. Recently, I have been asked to assume the role of President for the Music Guild which supports the ROC through fundraisers, etc." In addition, Susan is a volunteer with Mayo High School's Diversity

Council. Says, Susan, "We bring 1 or 2 programs each year to the school to teach the kids about the importance of other cultures in our society. It is very rewarding work".

When Susan is not busy working, she and Dave like to head off into the beautiful countryside on their two horses, Babe and Senator. She says, "We have two Tennessee Walkers which have given us many hours of relaxing rides. It is a perfect way to wind down a hectic week."

News from the Membership

Doris Miller writes, "Bill and I have been traveling to Cleveland several times a year. We are trustees on the Board of the International Women's Air & Space Museum there, and I am the Executive Vice-President. The museum is located in the terminal building at Burke Lakefront Airport (downtown Cleveland - right on Lake Erie). I have been so busy - I don't know how I worked and did it all!"

Yona McNish sends her greetings. "Unfortunately, Tom and I will not be in Alaska with so many of our friends. We will, however, be in Nassau with all of our family for our son Tommy's wedding! We are very excited to welcome our new daughter, Nikki, to the family. I promise to send wedding photos to include in a future article so that you all can remember our faces till we see you again - hopefully in '05. Take care, have a wonderful meeting, and our love to everyone".

Sallypahn Hawkins recently gave a presentation to the Siam Society on her work in Amazonia, where she travels several times a year to dispense basic medical services to the tribes living along the rivers. Says Sallypahn, "Recently, there has been coverage of my work in both the English language and Thai press, together with an interview on television, and as a result, I was asked to address the Siam Society, which is the foundation covering Thai cultural, historical and academic subjects here in Bangkok".



SALLYPAHN HAWKINS gives presentation on Amazonia to the Siam Society.

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

Stanley R. Mohler, M.D., recently testified at the President's Commission on Moon, Mars, and Beyond along with **Mary Anne Frey, Ph.D.** They were invited by the nine-member Commission to provide information on the medical and physiological aspects of establishing a staffed lunar base by 2015, as well as on aspects of a base on Mars, to be established by 2030. Drs. Mohler and Frey emphasized 10 major medical and physiological areas that have been identified by NASA and other space-knowledgeable groups as requiring attention for the safety and health of the humans undertaking these missions, cited the extensive archive of pertinent data, and mentioned areas that need more in-depth study. Commission proceedings are available at www.moontomars.org.

Daniel C. Weaver, Lt. Col., USAF, MC, of Grayslake, IL, recently transferred to HQ U.S. Military Entrance Processing Command in North Chicago, IL, to become Deputy Command Surgeon. Before the transfer, he served as Chief of Aerospace Medicine at Sheppard AFB, TX.

James R. Fraser, M.D., of Alexandria, VA, formerly Command Surgeon at the Naval Safety Center in Norfolk, VA, recently retired from the Navy. He now serves as Manager, Medical Specialties, at the FAA in Washington, DC.

New Members

Adams, Erin G., Lt, MC, USNR, Pensacola, FL
 Allen, Jay R., Maj, USAF, MC, APO AE
 Binder, Mario, Maj, AK-ANG, MC, Anchorage, AK
 Blanken, Celeste, Maj, USAF, MC, FS
 Calicott, Timothy, M.D., Little Rock, AR
 Delschlager, Kimberly, LTJG, MSC, USN, Helena, AL
 Heit, Debbie L., LTC, MC, ANG, Osceola, IN
 Hingson, Stephen V., LtCol, USAF, MC, San Antonio, TX
 Jones, Evan M., 2Lt, USAF, MSC, Silver Spring, MD
 Landis, Tiffany H., LT, MSC, USN, Groton, CT
 Nassir, Mark A., Maj, USAF, MC, Edwards, CA
 Rubin, Mark S., M.D., Ormond Beach, FL
 Scholl, Dennis M., LtCol, USAF, Somerset, TX
 VonThaden, Terry L., M.S., Savoy, IL
 Wildman, Victoria A., LT, MC, USNR, Cordova, TN
 Williams, Jack D., B.S., Denton, TX

International New Members

Agarwal, Sajat, M.B.B.S., West Yorkshire, UK
 Bouchard, Annie, Capt, CF, MC, FS, Chicoutimi, Quebec, Canada
 Dawson, Steven J., Ph.D., Canberra, ACT, Australia
 DeLeeuw, Charles, M.B., Ch.B., Cold Lake, AB, Canada
 Desa, Michelle G., Capt, CF, MC, Halifax, NS, Canada
 Johnston, Ben J., M.B., Ch.B., Tauranga,

Bay of Plenty, New Zealand
 Nesbitt, Wayne L., LT, CN, MC, Wainwright, AB, Canada
 Passoni, Matteo, LT, TSAR, Gorgonzola, Italy
 Scheel, Joergen, M.D., Copenhagen, Denmark
 Simpson, D. Lee, LT, CF, Utopia, ON, Canada
 Sumait, Premmanisakul, M.B., B.S., Bangkok, Thailand
 West, Sandra, Capt., CF, MC, Ottawa, ON, Canada
 Wirth, Matthias I., Dr. Med., Berlin, Germany

Obituary Listing

We have just learned that Erhard Weltin, M.D., died in February 2004. He was a native of Vienna, Austria, and earned his M.D. at the University of Vienna in 1955. He joined the Association in 1975 while working in the Vienna Department of Transportation.

PHYSIOLOGY, from p. 475.
 Reduced Oxygen Breathing Devices--couples cockpit procedures and simulator-based training with practical and realistic emergency procedures and is slated to replace traditional chamber flights for fighter and bomber refresher physiology training. This development offers a vast array of operational possibilities to counter human performance issues including NVG and unrecognized spatial disorientation training scenarios.

As USAF Aerospace Physiology continues efforts toward human performance enhancement, every link in the Team Aerospace chain will be incorporated to provide valuable operational training. Improve performance, reduce mishaps, increased mission effectiveness...it is simply the creed that we live by, this year and into the future.

Reminder for Prospective Associate Fellows
 The Chair of the Associate Fellows Group reminds prospective Associate Fellows that their applications must be received by August 1 each year in order to be considered for the annual selection. Update forms are available from the Home Office and at the Annual Meeting.



SYMPOSIUM SPEAKERS---A symposium on "Developments in Aviation Medicine" was held at King Fahad AFB, Saudi Arabia, last fall. The speakers included several AsMA members:(left to right): James Webb, Brian Younge, Brian Pingre, John Golding, Michael Fox, and Brian Lisher.

CLASSIFIED ADS

POSITIONS AVAILABLE

PHYSICIAN-ENGINEER--Physicians with a degree in engineering are being sought by a growing consulting practice. Physician-Engineer will be integrally involved in analyzing and determining the causal relationship between an accident event and an individual's injuries and identifying the reasons or mechanisms responsible for the injuries. Physician-Engineer will utilize both medical and engineering skills in an analytical problem-solving environment. No patient care involved, consequently there are no on-call responsibilities or malpractice insurance requirements. Company offers a professional work environment, competitive starting salary, and excellent benefits including paid vacation and sick leave, 401(K) retirement/profit-sharing plan, performance bonus, and major medical, dental, and disability insurance. For additional information, please send curriculum vitae to or contact: Biodynamic Research Corporation, Attn. Human Resource Manager, 5711 University Heights Blvd., Ste. 100, San Antonio, TX 78249, or fax 210-691-8823, or e-mail staffing@BRConline.com. Equal opportunity employer.

Sampson AFB Veterans Association Inc., REUNION: September 9-12, 2004
 3650th Basic Military Training Wing
 1950-56: ALL veterans of Sampson Air Force Base
 Reunion to be held at Sampson State Park (former site of Sampson AFB), on Seneca Lake, Romulus, NY.
 Contact: Chip Phillips: Chip34@aol.com; (716)633-1119.

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The financial resources of individual members alone cannot sustain the Association's pursuit of its broad national goals and objectives. Its 75-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 benefited from its past or current activities, have affirmed their support of the Association through Corporate Membership.

Aeromedic Innovations
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Air Line Pilots Association
Air Methods Corporation
AirSep Corporation
American Airlines, Inc.
AMS-Austrian Society of
Aerospace Medicine
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Universities Space Research
Association (USRA-DSLS)
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Wyle Laboratories, Inc.