

President's Page

Ethics in the Workplace

"Leadership is a potent combination of strategy and character. But, if you must be without one, never give up your character."

- General H. Norman Schwarzkopf, 1991

We talk a lot about universal core values that shape the foundation from which we conduct business. One fundamental core value which we all share is the nature of business ethics—doing the right thing for our customers, in the right way. Why do the right thing?

With the advent of the Sarbanes-Oxley Act of 2002, a legislation that was enacted in response to a series of unethical and fraudulent practices, we face today an increasingly conscience-focused marketplace in which the demand and expectations for more ethical business practices are increasing. In light of this awareness, corporations are beginning to redefine their core values in the spirit of good ethical business practices.

My reference to ethics in this message is not about illegal behavior, but rather about a reputable world leader, the Aerospace Medical Association, and the integration of ethical business principles into the daily operations of doing business. Does our place of work have a code of ethics that governs our business practices? COMING SOON! AsMA policy 2010 brings forth an ethics policy, called Ethical Behavior of the Aerospace Medical Association, crafted by our Executive Director Jeffrey Sventek. It is now moving through the approval process.

As we reflect upon the significance of AsMA in the global community, we can be proud that we are a voice of international leadership. In other words, the world is watching us. In light of this awareness, we set forth this document, our commitment to supreme standards of ethical business practices.

Let's talk about the relevance of such a code to the workplace of today. The AsMA is now a non-profit tax-exempt organization. Its operations are viewed as a public trust, subject to scrutiny by and accountability to governmental authorities, as well as to members of the public. We have a fiduciary responsibility to serve with unbending loyalty and fidelity, and a duty to demonstrate the highest standards of personal integrity, honesty, and truthfulness. All persons must exercise utmost good faith and avoid conflict of interest with individuals and activities that may arise in the course of duty, and make appropriate disclosures of potential conflicts of such nature.



Marian B. Sides, Ph.D.

We have a fiscal responsibility to invest our money wisely, manage our resources prudently, safeguard our assets, and monitor growth appropriately for a non-profit association. To that end, the Executive Committee has hired a financial advisory firm whose philosophy is compatible with the needs and interests of AsMA, and who will guide us in this process.

As Council members, we dedicate ourselves to timely resolutions on emerging issues that will keep the aerospace medicine community informed about matters affecting it. We accept as a personal duty the advancement of scientific knowledge in carrying out our mission, to promote and enhance the health and safety of those involved in aerospace and related activities.

We must actively seek the bottom line and be accountable for the outcomes that are relevant and show alignment with association goals. To that end, all committee chairs are creating action plans that show activities relevant to AsMA goals and will report them in measureable terms.

Lastly, we must define the roles, responsibilities, and duties of all positions within the AsMA infrastructure and clearly describe them in a policy and procedure format to enhance the continuity of leadership. This makes for good mentorship, as we serve and lead with respect, courtesy, and compassion for those who will follow in our footsteps.

So, why do the right thing? It's simply good Fellowship!

"We few, we happy few, we band of brothers; for he today that sheds his blood with me shall be my brother..."

- Shakespeare, Henry V.

Association News

Charles Billings, Former AsMA President, 1979-80, Has Died

In Memoriam by Sarah A. Nunneley, M.D., M.S., Editor Emerita

Charles E. Billings, MD, MS, died on 30 Aug 2010. He became involved in Aerospace Medicine in 1955 and went on to be a leader in the field throughout the rest of his life, serving as President of the Aerospace Medical Association in 1979-1980.

Dr. Billings was born 15 June 1929 in Boston, MA, and attended public schools there, followed by college at the Eastman School of Music in Rochester, NY, and Wesleyan University in Middletown, CT. He applied to medical school with a strictly fine-arts background, but was accepted and earned his medical degree from New York

University in 1953. Following internship, he was drafted into the US Navy, but he already was a pilot and arranged for transfer to the USAF, which provided primary training at the School of Aviation Medicine and then sent him to England as flight surgeon for a fighter-interceptor wing based at RAF Manston, where he was joined by his new wife and life-long partner, Lillian, and her daughter, Lee Ellen. The tour of duty in England not only confirmed his fascination with flight medicine but also set him on the road to his avocation, breeding and judging Whippets.

Upon returning to the U.S., Dr. Billings completed residency in Internal Medicine at the University of Vermont and moved directly to the only civilian program that provided specialty training in Aviation Medicine, Ohio State University (OSU), earning his diploma in Aviation Medicine in 1962. Before he even finished his training, Dr. Billings was put in charge of the Aviation Medicine program at OSU including establishment of a new laboratory with an altitude chamber. He worked with several departments, including the Department of Preventive Medicine and the Department of Aviation. In 1971, he added Occupational Medicine to his qualifications.

Over the next 20 years, Dr. Billings moved up the academic ranks at OSU from Instructor to Professor and Director of the Division of Environmental Health. During that period, he served as consultant to the USAF, the FAA and other federal agencies, and was much sought after as a lecturer both in the U.S. and abroad, as well as developing working relationships with researchers at the RAF School of Aviation Medicine. He was author or co-author of more than 60 papers in peer-reviewed journals in addition to

several book chapters and many technical reports.

In 1983, following a top-down decision to terminate Aerospace Medicine at OSU, Dr. Billings relocated with Lillian and 15 Whippets to California to serve as Senior Scientist at NASA's Ames Research Center, Moffett Field, where he led the development of groundbreaking research programs in human factors and aviation safety as well as mentoring many young scientists who became leaders in the field. A signal accomplishment was his work in developing NASA's Aviation Safety Reporting System, which allows pilots and controllers to report incidents ("near misses") without risking their careers and has now received and studied over 780,000 reports. This model is not only used by multiple nations for surveillance of aviation but has recently been adopted for patient safety systems. In 1996 Dr. Billings authored a landmark book, "Aviation Automation: The Search for a Human-Centered Approach."

During his long career, Dr. Billings received many awards, including AsMA's Boothby Award (1973) and Tamisea Award (1980), several citations for his work in aviation safety, multiple awards from NASA during the period 1977-1988 including its Outstanding Leadership Medal in 1981. He was honored with the AIAA Jeffries Aerospace Medicine and Life Sciences Research Award in 1986 and was selected as an Ames Fellow in 1989. In 2009, the Royal Aeronautical Society invited him to deliver its Stewart Lecture, which he titled "Aviation Medicine Research: An Unending Adventure."

Dr. Billings had maintained his relationship to OSU through a continuing appointment as Clinical Professor of Preventive Medicine.

Following his retirement from NASA, he, Lillian and several Whippets returned to Ohio where he became Emeritus Professor at OSU, working with the Department of Aviation there on projects related to cognitive psychology and systems engineering. Dr. Billings continued to take a lively interest in AsMA, attending annual meetings, where he served as an elder statesman with invaluable corporate memory. Sadly, in 2008, he lost his wife, Lillian, after a long illness. Earlier this year he authored a Historical Note in this journal, "Aviation Medicine Graduate Training At Ohio State University, 1955-1977," where he wrote with obvious pride of the work done by graduates of the OSU program in which he played such an important part, "We turned out some 49 capable young specialists. Most ended up in very respectable positions, including the Medical Director of the International Civil Aviation Organization, our Deputy Federal Air Surgeon and several FAA regional medical directors, seven flight surgeons in our space program, and the medical directors of several major airlines in the U.S. including American and United, Air New Zealand, and the Republic of China."

Dr. Billings would perhaps enjoy being remembered for his typically succinct summary of the flight surgeon's role "to help flight crew and their support personnel operate safely and effectively in complex, time-paced environments that can be dangerous."

Donate to the Foundation

The AsMA Foundation supports the field of Aerospace Medicine through financing educational & scientific programs, providing scholarships, supporting grants for research, etc. Please visit: www.asma.org/asma_foundation/foundation-index.php. Send checks to: AsMA Foundation, 700 Gemini St., Suite 110, Houston, TX 77058. Donations are tax deductible.

AsMA Associate Fellows Group (AFG) 2011 AFG Officer Nominations

It's that time of year to submit nominees for the Associate Fellows Group officer positions. Nominations are being sought for Chair-Elect (2011 – 2012) and Treasurer (2011 – 2013). Please send your nominations NO LATER THAN 1 DECEMBER to the following gmail account: associatefellows@gmail.com.

(*Note: The Secretary and Treasurer positions are a 2-year term obligation with biennial elections occurring on alternating years. The Chair-Elect office is a 1-year term with an annual election).

Current 2010 Associate Fellows Group Officers:

Chair:	Genie Bopp
Chair-Elect:	Lance Annicelli
Immediate Past Chair:	Don White
Secretary:	Brian Musselman
Treasurer:	Shannon Phares

Please visit our Associate Fellows Group Website: www.asmaafg.org
Join our Facebook Group Page: AsMA Associate Fellows Group

If you have any questions, please e-mail: associatefellows@gmail.com



European School of Aviation Medicine

Training courses 2010/2011 for JAA/FAA- Aero Medical Examiners

AME class 1
Advanced course 19 4 – 12 December 2010

Aviation Medicine/
Travel Medicine
Diploma course 19 19 – 27 March 2011

AME class 2 3 – 11 September 2011
Basic course 20

AME class 1
Advanced course 20 3 – 11 December 2011

**Venue: Lufthansa Aeromedical Center
Frankfurt Airport**

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

Meetings Calendar

November 3, 2010; Autonomic Disorders & Syncope Workshop; Marco Island, FL. For more information, please contact Anita Zeller, AAS Executive Secretary, American Autonomic Society, 18915 Inca Ave., Lakeville, MN 55044; 952-469-5837; fax 952-469-8424; or visit www.americanautonomicsociety.org.

November 3-6, 2010; The 21st International Symposium on the Autonomic Nervous System; Marco Island, FL. Info: Anita Zeller, AAS Executive Secretary, American Autonomic Society, 18915 Inca Ave., Lakeville, MN 55044; 952-469-5837; fax 952-469-8424; <http://www.americanautonomicsociety.org>.

November 8-10, 2010, 48th Annual SAFE Symposium, Town & Country Resort and Convention Center, San Diego, CA. Info: <http://safeassociation.com>.

November 6-10, 2010; 138th Annual Meeting & Exposition of the American Public Health Association; Denver, CO. Info: <http://www.apha.org/meetings/>.

February 16-19, 2011; Preventive Medicine 2011; San Antonio, TX. American College of Preventive Medicine's Meeting. Info: www.preventivemedicine2011.org.

Future AsMA Meetings

May 8-12, 2011; Denai'na Convention Center
Anchorage, AK

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, CA



TEXAS

44th UHMS Annual Scientific Meeting

June 15-18, 2011



**Undersea & Hyperbaric Medical Society
Office of Naval Research
NAVSEA**

www.uhms.org



Space Medicine Functions at NASA Headquarters

Charles R. Doarn, M.B.A., Richard S. Williams, M.D., and Vincent Michaud, M.D.

Space Medicine is an integral part of the human spaceflight program. From the beginning of human spaceflight at the National Aeronautics and Space Administration (NASA) in the early 1960s, physicians and other medical experts have developed medical policy, medical standards, and systems to support the men and women who live and work in space. Space Medicine has had a meaningful role at the NASA Headquarters (HQ) level since the early 1960s. It took its founding from a joint agreement on Bioastronautics between NASA and the Department of Defense (DOD), specifically the United States Air Force (USAF) in 1960. At NASA the work of Space Medicine has always been related and integral to the Life Sciences' research effort.

NASA's Space Medicine has evolved over the past five decades. As a new federal agency in 1958, NASA had no direct experience in Space Medicine. Most Aerospace Medicine-related activities had been developed in relation to USAF needs related to aviation high performance vehicles and changes in atmospheric pressure. The USAF was very interested in Space Medicine for efforts such as the Manned Orbital Laboratory (MOL) Program. In the early 1960s, the first cadre of flight surgeons was "loaned" to NASA from the DOD to support initial spaceflight programs. As experience was gained by NASA during spaceflight operations, NASA's flight surgeons became more specialized with a focus on Space Medicine and the military's "Space Medicine" contribution was much less significant.

The HQ's role has been primarily focused on policy and medical oversight, whereas the operational activities for Space Medicine occur at the Lyndon B. Johnson Space Center (JSC) in Houston, TX. This NASA center develops the requirements for supporting all facets of the human in the space systems. Flight surgeons at JSC provide pre-flight, in-flight, and post-flight medical care to the astronauts. The John F. Kennedy Space Center (KSC) supports Space Medicine activities in support of JSC-led efforts during the days immediately before and through a launch.

The current structure of Space Medicine at NASA includes a dedicated office at NASA HQ entitled the Office of the Chief Health and Medical Officer (OCHMO). This office is headed by Richard S. Williams, M.D., who serves as the Chief Health and Medical Officer. His function is to develop and ensure medical policy and medical oversight for human spaceflight, maintain NASA's aviation standards, and support NASA's Occupational Health effort for all NASA employees. Dr. Williams' office also serves as the Health and Medical Technical Authority (HTMA) for the Agency. HTMA was created to ensure that all NASA programs and projects are developed and managed with proper attention to health-related technical standards and considerations, and to provide health and medical technical

support to programs and projects as needed. The OCHMO staff interacts with various offices at HQ, including the Space Operations Mission Directorate, and the Exploration Systems Mission Directorate (ESMD) with its component Human Research Program (HRP). OCHMO staff also interacts regularly with the field centers to ensure compliance of policy, standards and maintenance of a healthy workforce and crew, and the oversight for the protection of human and animal research subjects. OCHMO is supported by several focused areas, each with a lead. These areas include: 1) Medicine of Extreme Environments, with Col Vincent Michaud USAF, MC as lead; 2) Medical Policy Development and Ethics, which is headed up by David Liskowsky, Ph.D.; and 3) Occupational Health, which is directed by Ms. Catherine Angotti. These leads and OCHMO are assisted by subject matter experts in a variety of disciplines. Those related to Space Medicine include Victor Schneider, M.D. (human research and health-care issues), Marc Shepanek, Ph.D. (behavioral health), Saralyn Mark, M.D. (women's health), Alex Dunlap, M.D., D.V.M. (NASA Chief Veterinarian), Paul Wolpe, Ph.D. (bioethics), Arnauld Nicogossian, M.D. (medical policy), and Charles R. Doarn, M.B.A. (telemedicine and international activities).

OCHMO develops medical policy that guides NASA operational medicine in the development of requirements and systems to support astronauts in various programs, including Space Shuttle, International Space Station, and exploration missions. OCHMO policy development of standards and requirements in the areas of human factors, environmental control, and habitability, guides the development and construction of space vehicles and systems to support humans in space. Policy development is guided by the NASA Medical Policy Board (MPB). Codified in NASA Policy Directives, the MPB has developed and maintained NASA medical policy since the late 1970s. This board is comprised of extramural physicians and senior physicians from NASA field centers, and may have members from NIH, FAA, and DOD. A Multilateral Medical Policy Board also has been created to provide medical policy and oversight for the International Space Station Program. This board is comprised of senior physician members from each of the ISS partners.

The Life Sciences research function at NASA Headquarters is mostly within the ESMD Advanced Capability Division, and is comprised of the HRP and fundamental space biology (FSB) research program. NASA's program management for the HRP resides at the Johnson Space Center Life Sciences Directorate, which is under the direction of Jeffrey Davis, M.D. The HRP is managed by Mr. Dennis Grounds at the Johnson Space Center. FSB research is predominately at the NASA Ames Research Center in California and Kennedy Space Center in Florida. OCHMO serves as the link between NASA's biomedical research effort and its medical op-

erations activities by certifying medical research products and deliverables before they are implemented operationally, via the transition to operations review process.

NASA's Space Medicine and Life Sciences function have evolved over the past five decades. While a tremendous amount of knowledge has been gained, there is more to learn. The NASA approach and strategies taken will be predicated on protecting the health of spaceflight crews to multiple destinations, be it the International Space Station, a near Earth object, the Moon, Mars, or some other galactic body. The goals of these disciplines will remain not only to capably support these space mission, but to develop new and innovative technology to minimize any space travel healthcare problems.

Gregory Shaskan, NASA Flight Surgeon, has Died

Gregory Shaskan, M.D., MPH, passed away on September 2, 2010 while supporting the U.S. space program at the Gagarin Cosmonaut Training Center in Star City, Russia.

Dr. Shaskan served as an Assistant Professor in the Departments of Preventive Medicine and Community Health and Family



Medicine, University of Texas Medical Branch, Galveston, TX, and as a Flight Surgeon supporting the bioastronautics contract with the Wyle Integrated Science and Engineering Group of Houston. He was a Diplomate of the American Board of Family Medicine and

held a certificate of added qualification in Sports Medicine.

Dr. Shaskan earned his M.D. from St. Matthew's University School of Medicine, Grand Cayman, Cayman Islands, BWI. He completed a residency in Family Medicine/International Health Track at Saint Joseph Regional Medical Center in South Bend, IN, where he served as Chief Resident, and also spent a year as a fellow in Sports Medicine at the Resurrection Health Center in Chicago, IL. Dr. Shaskan completed the Aerospace Medicine residency at UTMB and earned a Master of Public Health in the Graduate School of Biomedical Sciences. In 2009, he was awarded the William K. Douglas Scholarship from the UTMB Aerospace Medicine Residency, and was a member of the UTMB Team who won the 2009 and 2010 Residency in Aerospace Medicine (RAM) Bowl Championship during the Aerospace Medical Association Annual Scientific Meeting.

The family asks that in lieu of flowers, contributions may be given in memory of Dr. Shaskan:

UTMB Office of Development
c/o Gregory G. Shaskan Endowed Scholarship
in Aerospace Medicine Education
301 University Boulevard
Galveston, TX 77555-0148

President's Message

Guy Banta, PhD, MPH
President & CEO, Eagle Applied Sciences, LLC

Stepping into the shoes of someone with over 10 years of contributions that estab-



lished infrastructure and standards of excellence for the Corporate & Sustaining Affiliate (CSA) is daunting. However, after a decade by her side and a year in the President-Elect seat, I am ready to assume responsibility as your President.

As a 36-year member of the Aerospace Medical Association (AsMA), I can confirm that there are numerous benefits of membership. Specifically, AsMA affiliation provides networking, marketing, education, research, recruitment, advocacy and leadership opportunities unequalled by any in the industry.

This year, CSA is beginning to assume guidance and management of some of our most exciting programs, previously modeled for us by AsMA's Corporate & Sustaining Membership Committee. The CSA Courier, our newsletter, joins the History Initiative, the Philanthropic Initiative, and the 2011 Speaker's Bureau, now transitioned under our management. I plan to continue to guide the organization, meaningfully involving our members, culminating in a strong supportive organization for the aerospace business community and the Association. Our successes, as demonstrated by an international conference in Bellagio, Italy, feature discussion panels including "Challenges Facing U.S. Internal Airline Medical Departments," as well as numerous peer-reviewed scientific presentations and workshops over the last 10 years, will require "all hands" to grow and flourish. I look forward to working with all of our member organizations to facilitate involvement in our Initiatives, Programs and Committees for the mutual support and growth of our organizations.



PAST PRESIDENT'S PLAQUE---Guy Banta, Ph.D., MPH, reads plaque commemorating the achievements of outgoing CSA President Marian Sides, Ph.D.

CSA First To Call Attention to Declining U.S. Internal Airline Medical Departments

Traditionally, the role of an airline medical department included a broad range of responsibilities and their expertise was routinely solicited and welcomed in decisions of policy and procedure affecting passengers, air crew, and the company at large. The landscape of internal airline medical departments in the United States has changed considerably over the last decade. Several of our remaining internal airline medical directors have called for advocacy from the Aerospace Medical Association (AsMA), reporting many of the departments have been closed and matters previously and appropriately addressed by licensed aeromedical professionals are now being handled by business managers. After the issue was presented before the Association Council and its Corporate & Sustaining Membership Committee, the Corporate & Sustaining Affiliate (CSA) decided that the issue needed to be explored to identify the factors guiding airline management and the affect on health and safety.

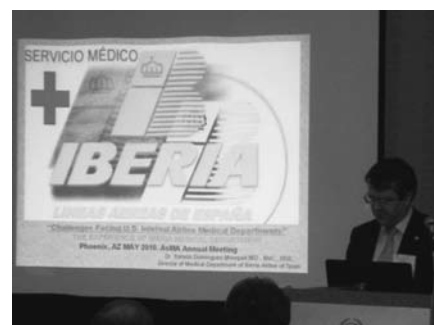
As a result, "Challenges Facing U.S. Internal Airline Medical Departments" was the feature event during CSA's first Business Luncheon during the May, 2010 annual scientific meeting of AsMA in Phoenix, AZ. The panel discussion gathered airline medical directors and consultants, occupational medicine specialists, and airline management academicians and practitioners, offering a unique perspective on the factors leading to the decline of these departments and the options for resolution. The presentations and discussions were representative of findings identified through a series of meetings conducted for over the previous year, designed to gather international perspectives on this problem. Al Parmet, M.D., medical consultant to Delta Airlines and formerly medical director of TWA, provided perspective on the traditional role of the airline medical officers. He illustrated the breadth of this role in the 1970s and 80s, and the factors leading to gradual limitations in its focus in the industry today. Robert Orford, M.D., from the Mayo Clinic, and formerly President of the American College of Occupational Medicine and Joint Medical Director for Northwest Airlines, explored the advantages and disadvantages of outsourcing in airline companies, a common strategy for management of some aeromedical issues in this setting. Mary Niemczyk, Ph.D., Assistant Professor and Head of the Air Transportation Management Program at Arizona State University, imparted management perspective, presenting methodology for the assessment of the contribution of a medical department to an airline organization. She presented for John Wensveen, Ph.D., CSA Representative from Dowling College of Aviation and author of "Wheels Up," and contributed her years of experience in airline management. She highlighted the concept that the "health" of an airline medical department cannot be assessed outside of the context of the



LUNCHEON PANEL---Al Parmet, M.D., providing historical context for the declining number of internal airline medical departments in the US.

"health" of the entire airline organization. Finally, Ramon Dominguez-Mompell, M.D., Chief of Health Services for the Iberia Airline of Spain, demonstrated key differences from an international perspective, affording strength and omnipresence of his medical department within the airline organization. He accentuated the anticipation of aeromedical, health, and safety issues under consideration by management and the quantification of his department's financial contribution to the company.

The luncheon panel was attended by airline medical directors and CSA members from across the globe, offering wisdom, innovative insights, and interdisciplinary solutions. Many in attendance are now participating on the invitational workgroup convened by Russell Rayman, M.D., AsMA's former Executive Director, to provide recommendations to the Association regarding formal action on this matter. CSA eagerly anticipates the conclusions and contributions from that workgroup this fall. The workgroup demonstrates the Association's commitment to advocacy programming on behalf of the membership; and this CSA-sponsored panel feature event has laid the ground work from which others within the Association can now build to develop appropriate programming to assist the airline medical community in ensuring health and safety in air travel and operations.



LUNCHEON PANEL---Ramón Domínguez-Mompell, MD providing an international perspective and supportive strategies for U.S. internal airline medical departments.

WING NEWS & NOTES

Big Wing Life

By *Nevonna Schroeder*

A slogan of the Anchorage Convention Bureau is "Big Wild Life." I found this to be an apt slogan on a bear viewing trip just prior to the site visit. If only the bears would come out of hibernation early next spring so you all would have a chance to watch them fish for salmon. I also thought of that slogan when our plane lost electric power on our return from a flight-seeing tour and had to land on a remote lake. After a seemingly endless time, another plane arrived to rescue us. We jumped out of the first plane, waded to shore, walked along a moose trail (thankfully mooseless at the time), waded out to the second plane and returned to Anchorage without further incident.

Plans are underway for our next meeting in Anchorage. In an adaptation of the convention bureau's slogan, we'll enjoy "The Big Wing Life" while in Alaska! Our Registration/Hospitality area will be in the new Dena'ina Convention Center. Monday afternoon's reception will be held at the "Top of the World" in the Hilton Hotel. We'll have access to the outdoor patio with awesome views so let's hope for good weather! Our Wednesday luncheon and business meeting will be at Sullivan's Steak House, a classy restaurant in downtown Anchorage. Plans for the Tuesday and Thursday tours are almost complete. More information will follow, but expect to enjoy an "Alaska Experience."

A lot of work goes into the production of a successful event. We have a board of dedicated members who are working to make this a "Big Wing Life" meeting. I'd like to introduce you to the members of our board. The Arrangements Committee arranges the activities we enjoy during our meeting. Arrangements Chair this year is Zulene Simmons. Zulene is a Nurse Practitioner who lives in the Anchorage area. Lucky for us she knows the city and its people very well. Assisting Zulene with Tours is Melinda Beane. The Hospitality subcommittee is chaired by Jeanette Wells, a "Southern Belle" who excels in meet'n and greet'n folks. Her hobbies include tennis, scuba diving, basket weaving, gourmet cooking, and travel. Her co-chairs on Hospitality are Hugh Manning, an attorney whose hobbies include photography, golf, movies, wine, and travel, and Yvonne Silberman, an OB



FISHING BEAR---Salmon fishing is a popular sport for bears in Katmai.

nurse who enjoys fashion, wine, travel, and football. The Luncheon subcommittee chair is Judy Kowalsky. Judy has recently moved to Denver to be near family. She is enjoying being outdoors hiking, swimming, and discovering the wonders of dinosaur tracks. Her co-chair, Amy Steinkraus, is an art museum docent, an Argentine tango aficionado, and an avid photographer and traveler. The Reception Chair is Phyllis Hain. Phyllis loves horses and travel. Her co-chair, Janice Berry-Dudley, is a retired Early Childhood Principal, Special Education Planner focusing on Children with Autism. She currently works as an assistant to her father, Dr. Charles Berry. At the reception favors will be coordinated by Myfanwy Burys. Myfanwy grew up in Wales, and currently lives in South Africa.

Other appointed board members include our Parliamentarian, Joan Lischak who keeps busy with gardening, cooking, reading, and volunteer work. She works one day a week at an adult day care center for the elderly with early Alzheimer's disease. Jackie Bohnker is our Membership Chair. Jackie is a past president of Wing. She is exploring a new craft of basket weaving. When you arrive at the Wing Registration Table you will meet Debra Sventek and Dolores Delos Santos, Registration Co-chairs. Deb is a renaissance woman who has held jobs ranging from office cleaner to Director of Marketing for a cellular telecom. She is a Master Gardener, an amateur gemologist, and a certified diamondologist. Dolores has recently moved to Guam with her Air Force husband. Advanced registration is being managed by Deb Merchant and Gail Weien, who are neighbors in Colorado Springs. Resolutions Chair is Judy Waring. Judy is probably the only member who joined the Wing while attending an AsMA convention without her AsMA member spouse. Judy is also a past president of the Wing. On the Executive Board our first vice-president, is Jackie Jordan. Jackie is a realtor with expertise in residential property in the Northern Virginia suburbs of Washington, DC. Second vice-president is Jennifer Faulkner. Jennifer is a stay-at-home mom of 7-year-old triplets. For pleasure/sanity she works out regularly, takes bible study classes, and volunteers thru her church. Frankie Berry is our secretary. Our Treasurer is Josie Borchardt. She is a Pediatric Nurse Practitioner, and enjoys sailing, motorcycling, quilting, cooking, gardening, and travel.

We have five board members-at-large. Terry Van Syoc represents Air Force members. Terry enjoys teaching Sunday School, and exploring the world. In addition to her role as Tours Chair Lin Beane represents Navy members. Jennifer Crowley represents Army members. Jennifer teaches at a college near her home. Issy Jennings represents civilian members. Issy is currently busy helping her daughter plan a wedding. Issy is a substitute teacher and former educator of special education and early childhood. Representing our international members is Els Salisbury. Els is an ESL and Special Needs educator. She immigrated with her parents to Canada in 1955 along with thousands of Dutch following WWII.

Information about the Wing and Wing activities can be found in various formats. Our Marketing Chair is Harriet Hodgson. Harriet is a journalist and author. Her 29th book will be published next year. Harriet is also a past president of the Wing. Deb Sventek is in charge of the Newsletter, and Zulene Simmons is in charge of the Journal Wing Page. Thanks to Dale Orford we have a Facebook group, as well as a website, www.thewingofasma.com

Our Honorary board members include immediate past president, Dale Orford, Chair of the Nominating Committee, and 2nd past president, Peggy Trumbo, AsMA liaison.

As a support organization for AsMA we traditionally name a spouse or significant other of the AsMA president as our Honorary President. This year I am pleased to introduce our Honorary President, Brenda Wolfe, R.N.



Brenda Wolfe

CNS, ACRN. Brenda is the daughter of Dr. Marian Sides, President of AsMA. Brenda is an HIV Clinical Nurse Specialist and the Director of HIV Services for Adults, Pregnant Women, and Children at Mount Sinai Hospital in Chicago, IL. Her work involves directing and

managing the HIV program, providing resident training, physician consultation, and primary HIV medical care to pregnant women and children. Her clinical team participates in HIV clinical research for Pediatric AIDS Clinical Trial Groups. Brenda supervises the Perinatal AIDS Prevention Initiative (PACPI) case managers; an intense case management system in Illinois for high risk HIV infected pregnant women, and provides HIV focused prenatal classes for PACPI. Brenda's expertise has expanded globally through her travels to South Africa for study of the HIV epidemic. She established the Bickford-Land Clinic for mothers and children in 2006, a private not-for-profit HIV clinic in Ho Chi Minh City, Vietnam. Brenda is also the Director of the Adolescent Wellness Clinic at Mount Sinai and the clinical provider at The Response Center's teen clinic, where she promotes wellness by providing teens with clinical care and education on women's health issues.



PLANE RESCUE---Nevonna strides down a moose trail away from a stalled flight-seeing plane. Walt and Phil Galanty follow.

NEWS OF MEMBERS

Send information for publication on this page to: **News of Members**
Aerospace Medical Association
320 S. Henry Street
Alexandria, VA 22314-3579
pday@asma.org

CAPT Richard A. Beane, MC, USN, has taken over as the Program Director and Specialty Leader for Aerospace Medicine at the Bureau of Medicine and Surgery in Washington, DC, and has also been named to the Board of Trustees for the American Board of Preventive Medicine. He is a Fellow and a member of the Registration and Scientific Program Committees.

CAPT Charles Ciccone, a longstanding member of AsMA, has taken over as the Officer in Charge of the Naval Aerospace Medical Institute in Pensacola, FL. He is the Chair of the Society of U.S. Naval Flight Surgeons.

Isaac J. Faibisoff, M.D., of Caseyville, IL, has been promoted from Major to Lieutenant Colonel at Scott AFB, IL.

Maj. Robyn Kramer, USAF, MC, FS, returned to active duty in the U.S. Air Force and is serving at Luke AFB, AZ, as a Flight Surgeon in Family Practice.

A. Felix Meyer, MHA, of Wilson, NC, is now serving as the Director of Wilson County Health Department in North Carolina. He is a Fellow of AsMA and a member of the Aviation Safety and Corporate & Sustaining Committees.

Maj. Richard Serkowski, USAF, has graduated from the Preventive Medicine Residency at the U.S. Air Force's School of Aerospace Medicine in San Antonio, TX, and is serving as Flight Commander and Senior Flight Surgeon at the 27th Special Operations Support Squadron/ Operational Support-Medical at Cannon AFB, NM. He will be promoted to Lieutenant Colonel in July 2011.



Lt.Col. Andy Woodrow, USAF, FAsMA, has reported to Beale Air Force Base as the Commander of the 9th Physiological Support Squadron. The specialized 135-member squadron is responsible for the high altitude physiological support provided to worldwide U-2 operations and is the USAF Western Regional Physiological Training Center.

In Memoriam **Judith Liebethal Robinson, Ph.D.**

Judith Liebethal Robinson, Ph.D., scientist, mentor, and sailor, died September 10. A native of Jackson Heights, NY, she earned a Bachelor of Arts degree in Speech Pathology from the City College of New York in 1970. She earned a Masters of Science degree in Speech Pathology and Audiology in 1971 and a Masters of Philosophy in Audiology in 1976

from Columbia University/Teachers College of New York. In 1977, she earned a Doctor of Philosophy from Columbia University.

From 1977 to 1979, Dr. Robinson attended a Post-Doctoral Fellowship at Johns Hopkins School of Medicine, Department of Biomedical Engineering in Baltimore, MD.

Her passion for America's space program led her to join NASA during the Space Shuttle era. Dr. Robinson began her career at NASA



Headquarters in Washington, DC, in 1980 as Assistant to Director, Occupational Health Programs, where she led the NASA Agency-wide Occupational Health, Hearing Conservation Program and the Agency-wide Occupational Health, Health Education Program and served as the NASA liaison to the Department of Labor. In 1983, she joined the Space Station Task Force and in 1984 she relocated to Houston's Johnson Space Center (JSC). Over the next 25 years, she continued to advance Human Systems Integration through her leadership of Human Health and Performance Risks associated with spaceflight. In 2003, as part of the NASA Leadership Development Program, she represented JSC and the Space Life Sciences Directorate at the University of Texas Medical Branch, Galveston, in the Office of the Vice President for Research. Throughout her career, Dr. Robinson dedicated herself to the mission of ensuring that human aspects of the exploration of space were uncompromised, and that risks to the crew were identified, understood, mitigated, and managed.

At the time of her death, Dr. Robinson was the Chief Advisor for Human Health and Performance, providing the leadership for all life sciences disciplines across NASA, NASA partners, industry, and academia. Her previous roles at NASA included: Associate Director of Space and Life Sciences at JSC; Associate Director, Business and Institutional Management; Assistant to the Director for Exploration, Space and Life Sciences Directorate; and Senior Scientist. During her tenure with NASA she was the recipient of numerous awards, including the prestigious NASA Exceptional Service Medal and the NASA Outstanding Leadership Medal. She was a member of the Aerospace Medical Association was named an honorary NASA Flight Surgeon. She was committed to fostering opportunities and ensuring career development for young women and mentored many successful female professionals at NASA over the years.

Dr. Robinson worked with many organizations outside of NASA-JSC, including the National Space Biomedical Research Institute, where she worked to focus efforts on the Life Sciences aspects of Human Space Exploration; the University of Texas Medical Branch at Galveston, where she established a Center for

Space Life Sciences, agency-wide collaborations, and coordinated JSC/Ames Research Center activities; and The Texas Medical Center's National Center for Human Performance, where she served as Advisory Board Member since 2006.

This article was adapted from an obituary in the Houston Chronicle.

New Members

Blaber, Andrew P., Asst. Prof., Burnaby, BC, Canada
 Caschette, Joel G., M.D., Cape Coral, FL
 Cavalli, Anthony, 2Lt., USAF, Orlando, FL
 Gardner, Todd, LCDR, MC, USN, Pensacola, FL
 Gray, Ryan, Capt., USAF, MC, Dover, DE
 Holian, Annette C., Wg. Cdr., RAAF, MBBS, Brighton, Australia
 Johansen, Benjamin, Phoenix, AZ
 Johnson, Thomas C., D.O., Elko, NV
 Louwers, Thomas D., LCDR, MC, USN, Yuma, AZ
 Moinet, Stephanie, M.D., Lattes, France
 Moore, Carmel, CDR, M.B.B.S., Little Bay, NSW, Australia
 Tontz III, Russelle C., Capt., USAF, MC, Mountain Home AFB, ID
 Waggoner, Terrace L., O.D., Gulf Breeze, FL

Updated News of Member Form Online!

A new online pdf form is available on the Members only page for you to update your news of members. Send us news of awards, promotions, etc. Please remember to send us your e-mail address!

PRESENTATIONS FROM THE 2010 PHOENIX MEETING ARE NOW ONLINE IN PDF FORMAT!

Log on to the AsMA website and go to the Meetings page. Follow the link to the presentations, converted from PowerPoint to PDF:

https://www.asma.org/asma2010_mp

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Nominations Sought for 2011 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 20** deadline for receiving nominations for awards to be presented at the 2011 Annual Scientific Meeting in Anchorage, AK. The names of prospective award winners should be submitted as far in advance of the deadline as possible. To view the complete list of awards and the award form online go to the AsMA website: <http://www.asma.org/pdf/award-form.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 Leverett 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 3 yr 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 Word document attachment. Nomination forms sent via e-mail should be addressed to the Awards Committee Chair, Dwight Holland, 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:
Dwight Holland
4874 Glenbrooke Dr.
Roanoke, VA 24081
Phone: (540)761-1576
- AsMA Home Office fax: (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.
6. Nominations received after **Jan 20th** will be considered for awards to be presented at the next annual meeting.

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

The financial resources of individual members alone cannot sustain the Association's pursuit of its broad international goals and objectives. Our 80-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.

AdviTech Inc.
Aerospace Medical, PLC
Aerospace Medicine Residency Program, UTMB
Air Canada
Aircraft Owners and Pilots Association
Air Line Pilots Association
American Airlines
Aqua Lung/U.S. Divers
Armed Forces Benefits Association
Autoflug Libelle GmbH
Aviation Medicine International (AMI) Inc.
Baxter Healthcare Corporation
Carleton Life Support System Inc.
Centers for Disease Control and Prevention/National Institute for Occupational Safety and Health
Cobham Life support
David Clark Company, Inc.
Dowling College
Eagle Applied Sciences, LLC
Education Enterprises, Inc.
Environmental Tectonics Corporation
Gentex Corporation
Harvey W. Watt & Company
Highbury Consulting, Ltd.
Infoscitex
Inomedic, Inc.
International Federation of Air Line Pilots Associations
Japan Airlines International (JALI) Lifeport, Inc.
Lockheed Martin
Martin-Baker Aircraft Company Ltd.
Mayo Clinic
MedAire, Inc.
Mondial Assistnace
NeuroKinetics Health Services (BC), Inc.
Oregon Aero, Inc.
Psoria-Shield, Inc.
Pilot Medical Solutions
South African Airways
Spectrum Aeromed
United Airlines
Universities Space Research Association (USRA)
Virtual Flight Surgeons, Inc.
Wyle Laboratories, Inc.

CLASSIFIED ADS

July 2011 Mayo Clinic Aerospace Medicine Fellowship Position

Two-year Aerospace Medicine Fellowship (includes a Masters in Public Health) position open to physicians who have completed an ABMS approved clinical residency. For those with an M.P.H., we invite applications for a one-year fellowship. For applications please visit: <http://www.mayo.edu/msgme/> or contact the program director, Lawrence Steinkraus, M.D., M.P.H., for details at 507-284-9966. Deadline for submission of applications: October 31, 2010.

Assistant/Associate Professor, Aerospace Medicine Residency Program Department of Community Health Wright State University Boonshoft School of Medicine Dayton, Ohio

Wright State University Boonshoft School of Medicine is recruiting for a faculty position within the Division of Aerospace Medicine, in the Department of Community Health. This program is one of only two civilian aerospace medicine residency training programs in the country. Candidates must be a US citizen, have an MD or DO degree, have completed an ACGME approved aerospace medicine residency training program and be board certified by the American Board of Preventive Medicine at the time of initial appointment or within 3 years of appointment, and be able to obtain an unrestricted license in Ohio. Candidates holding a pilot's license and/or board certification in a primary care field are preferred. The successful candidate must be an outstanding clinician and have a strong interest and/or experience in aerospace medicine resident education. For appointment at the rank of Associate Professor, the candidate must have 4 years prior experience at the rank of Assistant Professor, or 6 years of experience working in the field with documented effectiveness/expertise in teaching, research or administration within aerospace medicine. Opportunities exist to conduct clinical research. The aerospace medicine program of the United State Air Force is relocating to Dayton. Dayton is a wonderful family oriented community with a new riverfront park, excellent schools, and a new performing arts center. Compensation and benefits are highly competitive for medical school affiliated positions. Interested candidates should send a letter of interest, and curriculum vitae to:
<https://jobs.wright.edu/>

Review of applications begins November 15, 2010. If the position is not filled with initial responses, applications will continue to be considered until the position is filled. For additional information about the Wright State University Boonshoft School of Medicine and its programs, please consult the Boonshoft School of Medicine website at: <http://www.med.wright.edu/>. Wright State University is an Affirmative Action/Equal Opportunity Employer.