

President's Page

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

--Robert Frost

This letter is my second to last one and I want to motivate our membership to become more involved in the Governance of our Aerospace Medical Association. Throughout this year I have attempted to introduce all the members of our family from the four corners of our glorious world. We have members from 76 different countries, 39 Affiliate Organizations, 11 Constituent Organizations, and members at large. From this incredible diversity of aerospace specialists our leadership is chosen.

Our Nominating Committee is responsible for nominating the elected officers and elective members of Council. The committee is composed of the most recent five past presidents and representatives from constituent organizations. The report of this committee is presented orally and in writing at the opening ceremonies of the annual meeting. The vote takes place at the annual business meeting.

Our Aerospace Medical Association is governed by the Council, composed of elected officers, elected members at large, and representatives from Constituent Organizations. The on-going business of the Association is under the direction of the Executive Committee. Here are the members of Council and the names with an asterisk attached are members of the Executive Committee.

President: Fanancy L. Anzalone, M.D., M.P.H.*

President-Elect: P. Glenn Merchant, Jr., M.D., M.P.H.*

Vice Presidents:

Representation & Advocacy: Philip J. Scarpa, Jr., M.D., M.S.*

Education and Research: Mark Campbell, M.D. *

Member Services: Susan E. Northrup, M.D., M.P.H.*

International Services: Charles Fisher, M.D., M.P.H.*

Executive Director: Jeffrey Sventek, M.S., CAsP*

Treasurer: Hernando "Joe" Ortega, M.D., M.P.H.*

Secretary: Estrella Forster, Ph.D.*

Immediate Past President: Marian Sides, Ph.D.

Members at Large:

Term Expires in 2012

Gabor Hardicsay, M.D.

Charles A. DeJohn, D.O.*

James R. DeVoll, M.D., M.P.H.

Col. ret. Hans A. Pongratz, GAF, MC

Term Expires in 2013

Richard E. Bachmann, Jr., M.D., M.P.H.

Jan Stepanek, M.D., M.P.H.*

Robert Johnson, M.B.A., M.D., M.P.H.

David B. Rhodes, M.D., M.P.H.

Term Expires in 2014

Richard A. Beane, M.D., M.P.H.

Joseph P. Dervay, M.D., M.P.H., M.M.S., F.A.C.E.P.*



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

Margaret B. Matarese, M.D., M.P.H.

Justin T. Woodson, M.D.

Constituent Representatives:

Aerospace Human Factors Association:

Dwight A. Holland, M.D., Ph.D.

Aerospace Nursing Society:

Lt.Col. Eleanor Carolyn Jarrett, USAF, NC

Aerospace Physiology Society: Vincent W. Musashe, M.S.

Airlines Medical Directors Association:

Gordon S. Landsman, M.D.

American Society of Aerospace Medical Specialists:

Joseph F. McKeon, M.D., M.P.H.

International Association of Military Flight Surgeon Pilots:

Lex Brown, M.D., M.P.H.

Life Sciences and Biomedical Engineering Branch:

Lloyd D. Tripp, M.A., Ph.D.

Society of U.S. Air Force Flight Surgeons:

Timothy Robinette, M.D., M.P.H.

Society of U.S. Naval Flight Surgeons:

Kris M. Belland, D.O.

Space Medicine Association: Volker R. Damann, M.D.

U.S. Army Aviation Medical Association:

Stephen A. Bernstein, M.D.

Fellows: Peter B. Mapes, M.D., M.P.H.

Associate Fellows: Lance Annicelli

Editor, Aviation, Space, and Environmental Medicine:

Frederick Bonato, Ph.D.

Parliamentarian: Robert Orford, M.D., M.P.H.

American College of Preventive Medicine Aerospace Medicine

Regent: Mary A. Anderson, M.D., M.P.H., FACPM

Aerospace Medical Student/Resident Representative:

Alex Garbino, B.S.

I hope each and every one of you have already made your reservations for our Annual Scientific Program in Atlanta and will fully engage in all aspect of our unique and global family reunion.

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

Association News

Aerospace Medical Association Foundation Annual Report, January 2012

By Richard Jennings, M.D.

The Aerospace Medical Association Foundation is a 501(c)(3) corporation founded in 2006 to support scientific and educational purposes including the advancement of knowledge in aerospace medicine, research, and educational programs. The Articles of Incorporation were restated and approved by the State of Virginia in 2011 in order to widen the ability of the Foundation to support the Aerospace Medical Association, aerospace medicine, and the allied fields. The Foundation completed an exceptional year in 2011. There were a total of 21 individual donors and two business or business-related foundation donors. Funds received in 2011 included \$100,000 from the Silvia and Walter Goldenrath Trust and \$10,000 from the Charles E. and Lillian W. Billings Estate. The Foundation continues to partner with the Society of NASA Flight Surgeons and the Space Medicine Association in addition to managing the Stanley R. Mohler Endowed Fund. Fiscal year 2011 contributions to the Foundation totaled \$124,672.86, and the Foundation's total holdings are \$221,624.76.

In 2011, the Foundation's Pooled Investment Fund did very well and continued the growth that has been maintained since the initial investment in August, 2009. The Pooled Investment Fund is held in a diversified portfolio that includes an asset allocation between equities and bonds. The investment strategy set by the Foundation's investment committee seeks consistent returns with limited volatility, preservation of capital, and low costs to fund awards and scholarships. The Foundations equity portfolio returned 10.6% for the 12 months ending December 31, 2011 with expenses of 0.31%. The bond portfolio had a total return of 7.72% with expenses of 0.22%. The Foundation Board of Directors recently approved the transfer of the Pooled Investment Funds to a professionally managed portfolio through the Hardesty Investment Group, and this change will be made in January, 2012. However, Hardesty's investment strategy of asset allocation that is designed to produce income, growth, low volatility, low risk and low expenses remains consistent with the Foundation's investment policy. Due to extreme volatility in the stock market and bond markets in 2011, the Board elected to retain most of the new 2011 donations in cash equivalents. All new endowed funds will be invested early in 2012 as will a portion of the Foundation's unrestricted funds.

An important function of the Foundation and its partners is the annual presentation of awards, grants, scholarships, and educational programs to individuals in our field. The 2011 Stanley R. Mohler, M.D. Endowed Scholarship was awarded to Dr. Charles Mathers. The purpose of the Mohler Scholarship is to provide training grants and awards to help students and residents in aerospace medicine fund their studies or research activities. Dr. Mathers at-

tended Rice University and medical school at UTMB. He is completing the combined IM/ASM program and was selected outstanding intern and outstanding overall IM resident. His study Head Acceleration Measurement in Rough Stock Riders contained break-through data for the sports medicine field and helped develop the technology for future application in aerobatic pilots, the Stratos Project, and spaceflight. The Mohler scholarship winner is selected by the AsMA Foundation Board of Directors, and in 2011 there were many applicants and the competition was very keen.

The Foundation's bequest from the trust of Walter and Silvia Goldenrath specified language that an annual award be created that distributes the greater of (i) Two Thousand Dollars (\$2,000) or (ii) eighty percent of the endowment fund's net income earned during the previous calendar year at the Association's Honors Night Banquet. The award is to be given to the individual who made the greatest contribution to aerospace physiology in the previous year. The Foundation has teamed with the Aerospace Medical Association, AsMA's Executive Director and Awards Committee, and the Aerospace Physiology Society to create the awards process and selection committee to select the first award recipient for presentation in Atlanta, Georgia.

The Board of Directors considers 2011 a solid year for the Foundation, and by the support the Foundation has received, we know that AsMA members understand the importance of supporting the broad field of aerospace medicine and its allied fields, and particularly those early in the career. We view the future with confidence and are happy that so many have helped the Foundation as it seeks to support aerospace medicine and to honor and support deserving students, physiologists, nurses, physicians, technicians, scientists, educational programs and research efforts that will provide a brighter and safer tomorrow.

Foundation Board of Directors

Based on the Bylaws of the Foundation, the Board of Directors must have eight Board members who are active members of AsMA, and three of these must be past presidents of the Association. The Executive Director of AsMA also serves on the Board. Board members in 2011 are: George Anderson; Melchor Antunano; Jeffrey Davis; Robert Ellis; Richard Jennings; William Mitchell; Ramon Mompell; Peach Taylor; Jim Vanderploeg; and Jeff Sventek.

2011 Foundation Donors

The AsMA Foundation would like to thank the following donors who have generously supported the Foundation and the field of Aerospace Medicine in 2011.

Businesses and Organizations

Environmental Tectonics Corporation
Nino R. Vaghi Foundation, Inc

Individuals

George K. Anderson
Charles A. Berry
Charles E. and Lillian W. Billings Estate
Daniel J. Callan
Harry L. Gibbons
Silvia and Walter Goldenrath Trust
Richard Jennings
Robert Johnson
Jeffery A. Jones
Guohua Li
Lawrence Marinelli
David P. Millett
William F. Mitchell
K. Jeff Myers
Stanley R. Mohler
Russell B. Rayman
Harlan Ribnik
Roland H. Shamburek
George P. Taylor
Thomas J. Tredici
James M. Vanderploeg

The AsMA Foundation has made every effort to assure that this list is complete, but we acknowledge that errors may occur. Please report any errors to the Foundation.

Foundation Investment Approach

The Foundation's investment strategy is defined by our investment policy and managed by the investment committee. Endowment gifts for the benefit of aerospace medicine are placed in a Pooled Investment Fund (PIF) that is managed by Foundation's investment committee within the guidance of the Foundation's written investment policy. The investment committee seeks investment returns through asset allocation in a diversified portfolio and investment instruments that are consistent with the investment policy. In 2011, the Foundation evaluated different strategies to accomplish its goals. The increase in Foundation assets prompted the Foundation to seek professional management of the Foundations Pooled Investment Funds. The Hardesty Investment Group was chosen for this purpose. The ongoing goal is to manage funds in the PIF to minimize expenses and volatility, preserve and safeguard principal, provide consistent annual returns to fund scholarships, fellowships, and grants, and generate enough additional revenue to cover or exceed inflation. By combining the various endowments into a single PIF, costs are minimized. Investment return is determined on the PIF as a whole and returns to each individual endowment vary depending on the timing of their donations. Investments of a specific endowment fund to the PIF are made quarterly to aid in record keeping and facilitate determination of the fund's annual spending authority. In order to professionally track the individual funds and comply with IRS and State of Virginia requirements, the Foundation has employed the same accounting firm that supports the Aerospace Medicine Association.

Financial Summary

This report has been prepared to provide information about the overall financial status, the 2011 fiduciary support of the Foundation,

FOUNDATION, see p. 459.

FOUNDATION, from p. 458.

and the management and performance of the Pooled Investment Fund (PIF). It includes a summary of expenses, grants, scholarships, new gifts, investment returns and is prepared by the Foundation treasurer. In the future, expenses such accounting, attorney fees, office expenses, etc. will be an integral part of this summary, but to date the Foundation has been supported by voluntary effort.

Fellows Scholarship

The Foundation continues to be excited about AsMA Fellows Scholarship. In 2011, the award amount was increased to \$2,000. This program would not have been possible without the leadership of the AsMA Fellows, chair George Anderson, and a select scholarship committee working under Dr. Melchor Antunano. The annual scholarship is funded by the Foundation and is awarded to an AsMA member who is a student in an aerospace medicine residency program, graduate program in aerospace medicine (Master or Ph.D.), medical certificate or aerospace diploma course, or in a full time education/training program in the allied fields of nursing, physiology, human factors, psychology, ergonomics, engineering, etc. Selection criteria include delivering a slide or poster presentation as a first author at the AsMA Annual Scientific Meeting and then publishing a manuscript as first author in Aviation, Space, and Environmental Medicine based on the same topic and/or material covered in the slide or poster presentation. This scholarship continues to receive solid financial support from the membership of the Fellows.

Endowed Funds

The Foundation is gratified that four endowed funds have been created. We are extremely happy to have the Society of NASA

Flight Surgeons, Space Medicine Association, Walter and Sylvia Goldenrath Award for Aerospace Physiology, and Stanley R. Mohler Funds. Endowed funds are important for stability of annual grants, scholarships, and awards. Endowments provide a permanent partnership between the Foundation and the individual donor or organization. The legacy of the donors or honoree plays a role in the Foundation in perpetuity and provides a permanent source of income to advance achievement in aerospace medicine. During uncertain economic times, endowment funding provides a steady source of income for the Foundation when it is needed most. Spending authority for the endowed funds is adjusted annually and is based on the previous year's revenue as determined on December 31 and considers the extent of new gifts to the endowment. The Foundation attempts to have 5% of the fund total available for annual grants and scholarships. We are ready to assist any individual or group that would like to establish an endowed fund.

Giving to the Foundation

We hope that you give serious consideration to making a contribution to the AsMA

Foundation. Gifts to the Foundation support educational and scientific activities that may be out of reach for many of our young members. Your help with funding for grants, education, research, and awards through the Foundation is a covenant that we will not take for granted. As a 501(c)(3) organization under the IRS Internal Revenue Code, contributions to the Foundation are deductible under section 170 of the code. The Foundation is able to accept gifts, bequests, and transfers under sections 2055, 2106, or 2522 of the Code. The Foundation is happy to work with any individual, corporation, constituent or affiliated organization that have questions or would like information about the Foundation. Gifts do not have to be large to make a difference, and those who have partnered with the Foundation have already impacted aerospace medicine and its allied disciplines. The Foundation is willing to work to establish named endowment funds or advise on gifts through estate planning. Many AsMA members may be able to make their ultimate gift through support of an endowed fund or favorite program through their estate planning process.

AsMA Foundation Activity	Year Ended Dec 31, 2010	Year Ended Dec 31, 2011
Total Donations	33,775.00	124,672.86
Endowed Gifts	30,000.00	101,000.00
Unrestricted Gifts	3,775.00	26,672.86
Pooled Investment Fund Total	61,975.47	78,254.76
Bank Funds	20,200.00	143,370.00
Expenses		
Mohler Fund	(500.00)	(500.00)
Fellows Award	(1500.00)	
AsMA Foundation Total Assets	\$84,175.47	\$221,624.76

International Congress of Aviation and Space Medicine – Bucharest, Romania

By Michael Berry, M.D., AsMA Past President and IAASM Past President

For those members of AsMA who may not be aware, The International Academy of Aviation and Space Medicine is, as the name implies, an international scientific aerospace medicine organization, somewhat the international counterpart to our U.S. based scientific organization, though smaller. The Academy has a maximum membership of 250 Academicians. The Secretariat of the Academy is located in Quebec, Canada, and is headed by the Secretary General, Claude Thibeault, M.D., a past president of the Academy and also of AsMA. The organization was founded in 1955 through the efforts of a group of prominent aerospace medicine physicians from the U.S, Canada, Great Britain, and France, several of whom had also been President of AsMA. The Academy's premise is the promotion and search for new knowledge in aerospace medicine, and the contribution to international cooperation among those devoted to education and research in this particular field. At present, there are members from 53 different countries. As part of the Academy's effort to promote aerospace medicine worldwide, the Academy sponsors an annual International Congress of Aviation and Space Medicine that is hosted by an individual country. This international scientific meeting has been hosted by over 40 countries throughout the world, the most recent

Congress being in Bucharest, Romania. Our AsMA President, Dr. Anzalone recently mentioned this outstanding Congress in his October President's Page. As the President of the International Academy during this meeting and the previous one held in Singapore, I want to give you a more detailed description of this meeting in hopes that it will stimulate many of you to consider attending the next International Congress in 2012 in Melbourne, Australia.

The locations of International Congresses are selected by the Academy Executive Council which chooses from various bids for a specific year by countries with an Academy member and a strong desire to hold a Congress. The choice of Bucharest, Romania arose in an interesting though not unusual manner. In 2005, AsMA member and Academy Past President, Dr. Silvio Finkelstein was attending the International Congress in Warsaw, Poland and was introduced to Dr. Marian Macri of Romania by Dr. Elena Cataman (Moldova), a member of AsMA and the Academy. In 2004, Silvio had previously met Dr. Cataman while giving Aerospace Medicine lectures to physicians in Moldova. An immediate friendship developed with Dr. Macri, and he invited Silvio to visit Romania. In 2006, Silvio did so, and after seeing the Romanian Aerospace Medicine Institute under

Dr. Macri's command, the facilities for international Congresses, and the respect the country's high level authorities had for Dr. Macri, Silvio advised him to submit a proposal to the Academy on behalf of Romania, and bid for an International Congress. The bid was accepted, and the results could not have been more outstanding!

The Bucharest Congress began Monday morning, September 12th, with an exceptional Andre Allard Memorial Lecture presented by Major General (retired) Dumitru Dorin Prunariu, Ph.D. who was the first Romanian Cosmonaut and is the President of the Scientific Council of the Romanian Space Agency. His talk addressed Romania's background in aviation and space research and described his own space flight in 1981. It set the stage for what proved to be a remarkable scientific meeting, in addition to wonderful cultural and social experiences over the next 3 days. The John Ernsting Panel followed the Allard Lecture, with excellent presentations on the theme of Global Response to Public Health Threats. The scientific sessions that followed on Monday, Tuesday and Thursday were in the areas of aviation cardiology, aeromedical standards, psychology and psychiatry, hypoxia and altitude, disorientation, aviation orthopedics, aeromedical evacuation, and gen-

ICASM, see p. 461

Deutsche Akademie für
Flug- und Reisemedizin



European School of
Aviation Medicine



5. FAA International Aero Medical Examiner Seminar
Berlin/Germany
23 – 26 August 2012

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

JW Marriott Desert Ridge Resort & Spa, Phoenix, AZ



*Undersea & Hyperbaric Medical Society
45th Annual Scientific Meeting*

www.uthms.org

JUNE 20-23, 2012

Bassick to Deliver Smith Ames Lecture

The Aerospace Physiology Society is pleased to introduce Mr. Jack Bassick, former



Executive Vice President of David Clark Company, as the speaker for the annual Smith Ames Lecture. Mr Bassick has over 50 years of experience working with pressure suits, beginning in 1961 as a physiological training instructor with the United States Air Force

before joining David Clark Company in 1965.

Jack's tenure at David Clark has included numerous assignments and responsibilities, including pressure suit field service at Area 51 with the CIA's A-12 Oxcart program and

Edwards North Base with the Agency U-2 program.

Throughout his career, Mr. Bassick has participated in the research, development, qualification testing, production, crew training and field support of numerous partial and full pressure suit systems for a variety of air and spacecraft application, being awarded a number of pressure suit related patents and receiving NASA Astronaut Corps' prestigious Silver Snoopy Award for his contributions to Astronaut safety. Jack represents the third generation of pressure suit specialists at David Clark Company, following in the footsteps of founder David M. Clark and his chosen successors, John Flagg and Joe Ruseckas. Appointed Director of Research & Development and elected Executive Vice President of David Clark Company in the late 1980's, Mr. Bassick recently retired from active employment, remaining involved with the Company as a Director and advisor to the next generation of aerospace crew protective equipment specialists.

ICASM, from p. 459

eral clinical aviation medicine. There were 299 attendees from 57 different countries, and 93 papers were presented by slide or poster. The papers were all rated by the attendees as good to very good, with the cardiology and vision topics being the most popular.

Wednesday of a Congress is traditionally devoted to technical tours and lectures. These are always very popular and give the attendees a unique experience of the country visited. In Bucharest, one of the tour choices was The National Institute of Aerospace Medicine, where we toured an altitude chamber, a hyperbaric chamber, a spatial disorientation demonstrator and trainer and a night vision lab. I attended this tour and was greatly impressed by all that I saw. Those interested in military matters visited an Air Force base, with a static aircraft display, a modern MEDEVAC helicopter and an IAR 330 PUMA simulator. Those interested in Air Traffic Control visited the Romanian Air Traffic Services Administration's modern facility.

Social and cultural events are always a special part of International Congresses. In addition to the new scientific knowledge, and personal contacts gained, these often prove to be the source of the most special memories that one brings home from a Congress. As the President of the Academy, the Singapore and Bucharest Congresses were certainly singular experiences for me. A special memory from Bucharest was the abundance, richness, and variety of food provided, and its beautiful presentation at every event from the poolside Welcome Reception on Monday evening with a chamber music group providing entertainment, to the BBQ lunch in the Snagov Palace of the prior Romanian President, to the truly exceptional Gala Dinner and closing ceremony on Thursday night. This particular event was a sumptuous five course dinner, lasting until midnight, with each course interspersed with varieties of excellent entertainment and dancing. It was a fantastic evening.

Special tours were available to accompanying persons that visited the city of Bucharest, the National Military Circle (a truly remarkable and impressive building, inside and out), and The Village Museum. In addition, there were pre- and post-Congress tours available offering varying experiences of the many aspects of Romanian culture and geography. These were to the Danube Delta (the area where the Danube River empties into the Black Sea); to mountainous areas of Sinaia, Bran Castle (Dracula Castle), and Brasov; to Bucovina (northeastern Romania) and the Painted Monasteries.

The Bucharest International Congress was a credit to the organizers, headed by Dr. Marian Macri, and assisted by Dr. Silvio Finkelstein. They are to be commended for a great scientific and cultural experience. The Congress provided all that it promised, and more, to those of us who were lucky enough to attend. I would highly recommend to all of you to attend, and experience an International Congress of Aviation

and Space Medicine. It will be an experience you will not soon forget, both scientifically and culturally. The next Congress will be in Melbourne, Australia, September 16 to 20, 2012. The venue is exceptional and I know the organizers have planned an exciting time for all. The web site for this Congress is <www.icasm2012.com>. Make your plans now!

Aerospace Physiology Luncheon

Wednesday, May 16, 2012

Smith Ames Lecture: "Dressing for (mission) Success" given by **Mr. Jack Bassick**, former Executive Vice President of David Clark Company. Mr Bassick has more than 50 years of experience in pressure suit technology and remains involved with the company as an Aerospace Crew Protection advisor.

AsPs Education and Training Panel, Tuesday, 2:00 p.m.

"New Aircraft: New Problems?"

AsPs Social - Wednesday evening, May 16 at The Highlander.

Tickets available at the AsPs table.

• JOIN AsPS TODAY!

Visit our website at: <http://aspsociety.org/>
 Membership is only \$15. For more information, please contact:

Tom Massa
 email: aerophysysociety@gmail.com



European School of Aviation Medicine

Training Courses 2012 for JAA/FAA Aero Medical Examiners

AME Class 2

Basic Course 22

1 – 9 September 2012

AME Class 1

Advanced Course 22

8 – 16 December 2012

**Venue: Lufthansa Aeromedical Center,
Frankfurt Airport.**

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

5. International Aero Medical Seminar (FAA) in Berlin

23 – 26 August 2012

Venue: Hotel Palace, Berlin

Application form under
www.flugmed.org or www.eusam.org

NEWS OF CORPORATE MEMBERS

PMSI Hires Dr. Silberman as a Consultant

Pilot Medical Solutions, Inc. (PMSI), announced that **Dr. Warren S. Silberman** will now provide direct consultation to airmen via Pilot Medical Solutions' fee-for-service agreements to assist with its escalating clientele. Pilot Medical Solutions has seen a sharp rise in Special Issuance (waiver) certification in 2011 and welcomed Dr. Silberman's assistance. As former manager of the FAA Aeromedical Certification Division, Dr. Silberman will provide key insight to airmen seeking medical certification and assurance to applicants unfamiliar with FAA standards. As the FAA's aeromedical certification "chief," Dr. Silberman was responsible for rules and regulations changed under his watch.

Dr. Silberman is Board Certified in Internal Medicine and Preventive/Aerospace Medicine, a Fellow of the American Osteopathic College of Internists, American Osteopathic College of Occupational and Preventive Medicine, the Aerospace Medical Association, and the Civil Aviation Medical Association. He is a featured speaker and author, providing regular content for the Federal Air Surgeons Bulletin and co-authored the chapter on Civil Aviation Medicine in "Fundamentals of Aviation Medicine."

—To see more, please visit www.leftseat.com/drsilberman/.

AOPA Launches New Website

The Aircraft Owners and Pilots Association has launched a new MyFlightTraining (<http://myft.org/>) website, designed to be a powerful tool for student pilots to help them through flight training and track their progress. MyFlightTraining takes the content of *Flight Training* magazine and personalizes it for students anywhere in their flight-training curriculum. Open only to student pilots, the site tracks a participant's progress with six key milestones. Students come to the site and enter the successful completion of a milestone. The milestones help to break the flight training journey down into manageable stages, while making sure that in addition to celebrating the end goal of a pilot certificate, other successes along the way are acknowledged and celebrated.

The site puts into action key attributes of AOPA's extensive research around the optimal flight training experience. MyFT puts a strong emphasis on information sharing and focuses on providing useful and relevant information at each milestone. Through online resources and access to the AOPA Pilot Information Center, students will have additional support tools available to them 24/7. MyFT also embraces the importance of community and provides opportunities for recognition and social connection. Participants can upload photos and details of their milestones on MyFT, their own Facebook page, or the *Flight Training* Facebook page. The site also offers incentives.

—For more, please see www.aopa.org/newsroom/newsitems/releases/2012/12-1-017.html.

ETC's NASTAR Center Supports Pressure Suit Evaluation

Environmental Tectonics Corporation's National AeroSpace Training And Research (NASTAR) Center, in conjunction with SwRI and the David Clark Company, conducted evaluations of a new generation pressure suit for commercial suborbital flights. The testing will help advance human health, protection, performance, and training of crew and passengers embarking on upcoming commercial spaceflights. Two SwRI researchers, Drs. S. Alan Stern and Dan Durda, visited the NASTAR Center outside Philadelphia in November 2011 where they completed another milestone in suborbital research. Stern and Durda evaluated a David Clark Company's Contingency Hypobaric Astronaut Protective Suit (CHAPS) pressure suit under G during a series of centrifuge runs in the NASTAR "Phoenix" STS-400 high performance human centrifuge. The CHAPS represents the latest generation of aerospace crew protective equipment for the commercial spaceflight market.

Stern and Durda completed 20 NASTAR centrifuge runs both in and out of the CHAPS suits, exposing them to both head-to-foot and thru-the-chest accelerations up to +6 G_z, typical of what space travelers could experience during suborbital flights. Suit evaluation areas included: suit fit, mobility, range of motion, comfort, field-of view, communications, suit to vehicle interface, and ability to perform basic tasks under G. To date, no other space company or research organization has assessed a pressure suit for commercial suborbital flights in a centrifuge.

—Taken from www.nastarcenter.com/nastar-center-supports-commercial-space-pressure-suit-evaluation-in-centrifuge.

Mayo Finds TBIs More Common Than Thought

Though researchers are becoming increasingly aware of the long-term effects of head injury, few studies have looked at the prevalence of traumatic brain injury (TBI) in all age groups, including males and females, taking into account both mild and serious events. In a recent study published in *Epidemiology*, Mayo Clinic researchers applied a new, refined system for classifying injuries caused by force to the head and found that the incidence of traumatic brain injury is likely greater than has been estimated by the Centers for Disease Control and Prevention (CDC). Researchers used the Mayo Traumatic Brain Injury Classification System, a new brain injury method that classifies head injuries along a more comprehensive scale than ever before. The categories label patients with "definite," "probable" and "possible" TBIs, providing a way to incorporate symptoms such as a brief period of unconsciousness or even an injured patient's complaint of dizziness or nausea.

Using the Rochester Epidemiology Project, a several decades-long compilation of medical

records in Olmsted County, MN, the team determined that TBIs occur in as many as 558 per 100,000 people, compared to the 341 per 100,000 estimated by the CDC. Researchers found that 60% of injuries fell outside the standard categorization used by the CDC, even though two-thirds of them were symptomatic. Mayo researchers found the elderly and the young were most at risk for "definite" and "possible" injury, respectively, and men were more at risk than women. The findings reinforce ongoing efforts by the CDC to create a brain injury classification that more broadly encompasses traumatic head injury.

—Adapted from www.mayoclinic.org/news/2012-rst/6702.html.

Wyle Wins Service Contract

Wyle has been selected as one of multiple winners to supply a broad range of engineering, technical, and support services to the U.S. Air Force Materiel Command under the Design Engineering Support Program, also known as the DESP III contract. While the DESP III contract is specifically established within the Air Force Materiel Command, this contract vehicle may be used by all other Air Force and other DOD agencies. The objectives of the DESP III program focus on improving system life cycle cost, operational life, performance, sustainment including maintainability and support, and safety and environmental friendliness. Engineering services are in the areas of new design, technical documentation, diminishing material and manufacturing sources, environmental improvement issues, reliability, productivity, efficiency, and cost saving.

—Taken from a press release found at www.wyle.com/News/Pages/02-10-2012.aspx.

Baxter Completes Acquisition of Synovis

Baxter International Inc. announced recently that the company has completed its planned acquisition of Synovis Life Technologies, Inc., following approval of the transaction by Synovis shareholders. The acquisition expands Baxter's regenerative medicine and BioSurgery franchise by adding biological and mechanical products from Synovis used for soft tissue repair and microsurgery in a variety of surgical procedures. Baxter is adding the Synovis soft tissue repair and microsurgery products to its existing line of biological products and delivery devices used for hemostasis, tissue sealing, adhesion reduction, and hard tissue regeneration.

—For more, please see: www.baxter.com/pressroom/press_releases/2012/02_14_12_synovis.html.

Want to see your company's news here? Become a Corporate Member! Benefits of membership can be found at www.asma.org/membership/corp_membership.php. For more info, please contact contact Gloria Carter (gcarter@asma.org); 703-739-2240 x 106.

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

AsMA Members Win CAMA Recognition

The Civil Aviation Medical Association (CAMA) held their Annual Scientific Meeting in October. During the meeting, several of AsMA's members won awards. **Fred Tilton, M.D.**, the Federal Air Surgeon and a Fellow of AsMA, was a speaker during the meeting. **John Hastings, M.D.**, a Past President and Fellow of AsMA and the winner of the John A. Tamisiea Award in 1995, received a President's Commendation. **Petra Illig, M.D.**, a Fellow of AsMA, received the Audie and Bernice Davis Award and was also inducted as a CAMA Fellow. **Per-Johan Cappelen, M.D.**, **Avi Barlev, M.D.**, and **Graeme Maclarn** also became CAMA Fellows.

Michael Barratt, M.D., of League City, TX, was interviewed for an article on CNN about the effects of space travel on the eyes. The article can be found at http://lightyears.blogs.cnn.com/2012/02/10/astonaut-feels-spaces-toll-on-his-body/?hpt=hp_t3.

CDR Richard Folga was interviewed in an article in the *New York Times* on Navy training for pilots on escaping downed aircraft and surviving ejection and landing in water. The article can be found at www.nytimes.com/2012/02/07/us/navy-survival-training-for-when-a-pilots-world-turns-upside-down.html?_r=3&hp.

Dr. David Gradwell, an AsMA member and Fellow, was interviewed by the BBC for a story on Felix Baumgartner, an Austrian who will soon be making a record leap from the edge of Earth's atmosphere. Baumgartner will be jumping from a gondola hoisted aloft by a balloon to an altitude of approximately 23 miles and will fall back to Earth, hopefully landing safely by parachute. If successful, he will break Joe Kittinger's old record for such a jump. Dr. Gradwell discusses some of the challenges faced by Baumgartner. The interview can be seen at the following BBC website: <http://www.bbc.co.uk/news/science-environment-16922438>.

Guohua Li, M.D., Dr.P.H., and Susan P. Baker, M.P.H., Sc.D. (Hon.), both AsMA Fellows, have just published the most comprehensive reference text to date in the research field of injury control and prevention. Titled "Injury Research: Theories, Methods, and Approaches", the book contains 36 chapters contributed by some of the most accomplished injury researchers in the world and covers contemporary theories and methods underpinning the scientific endeavor of injury control and safety improvement. Called a "milestone in the field of injury and violence prevention" by Dr. Linda Degutis of the Centers for Disease Control and Prevention, the book is an essential reference resource for researchers, practitioners, and graduate students in public health, medicine, biomechanical engineering, safety engineering, and behavioral science working in injury control, violence prevention, emergency medical services, trauma care, risk management, accident investigation and litigation, transportation safety, home safety, patient safety, health promotion and public policy. The Kindle version of the book is downloadable at www.springer.com/medicine/book/978-1-4614-1598-5.

Col. Hernando Ortega, Surgeon for the Air Force Intelligence Surveillance and Reconnaissance Agency, was hosted by the 21st Century Defense Initiative on February 3, 2012, for a luncheon discussion on Remotely Piloted Aircraft (RPA) operations and their effects on those serving in them. Col. Ortega explored the idiosyncrasies of "telewarfare" and presented some of the work that he and other Air Force medical personnel have undertaken to understand this emerging operational environment, to characterize the unique constellation of risks, and to discern the true prevalence of PTSD in the operator population. To listen to the discussion or for a full transcript, please visit www.brookings.edu/events/2012/0203_military_medical_issues.aspx.

Obituary Listing

Dr. Hans Hafner, of Switzerland, passed away on the 23rd of January 2012. He was Member of AsMA for many years. He was born on 16th June 1936, received his university degree in 1965 and his M.D. at the University of Bern, Switzerland, in 1966. He was a specialist in Internal Medicine and had his own clinic near Bern, where he was active as an AME for many years. From 1980 until 2005 he was Chief Medical Officer of the Federal Office of Civil Aviation (FOCA) Switzerland and was an active member of AsMA, the International Academy of Aviation and Space Medicine, international working groups in aviation medicine, and the medical expert group introducing the JARs in Europe. A very active pilot, he began flying as a glider pilot, and went on to become a pilot in the Swiss Air Force flying various jet aircraft and helicopters. After retiring as Chief Medical doctor of the aviation authority, he was consultant for the office of aircraft accident investigation.

New Members

Andrews, Brent D., Maj., CF, Winnipeg, Manitoba, Canada
Castro, Nathalia, LT, BAF, Niteroi, Brazil
Crooks, Courtney L., Dr., Atlanta, GA
Eze, Callistus Ejike, D.Av.Med., Lagos, Nigeria
Fleming, Sarah, Cologne, Germany
Granzella, Nicholas, Bronx, NY
Hees, Karinna, Dr. med., Rheinbach, Germany
Higashino, Toshihide, 1Lt., USAF, MC, Dayton, OH
Jain, Trevor, M.D., Stratford, Prince Edward Island, Canada
Kahl, Chad G., Maj., USAF, MC, Birmingham, AL

Kreykes, Amy J., Greeley, CO
Laughlin, C. Patrick, M.D., Williamsburg, VA
Martin, Andrew, High Denham, Uxbruck, UK
Maslar Joseph, Chicago, IL
Meland, Anders, Lt., Ph.D., Oslo, Norway
Metelko, Andrew J., M.D., Greenfield IN
Mitnitsky, Amanda L., Daytona Beach, FL
Newland, Guy M., M.D., Beavercreek, OH
Orsello, Christopher, Pensacola, FL
Otl, Monica, Dr., Ottawa, Ontario, Canada
Parr, Jeff, Maj., USAF, M.S., Xenia, OH
Phelps, Shean E., M.D., Atlanta, GA
Pizzino, Danny R., Capt., USAF, MC, Valdosta, GA
Prohaska, Clare C., Kansas City, KS
Rogers, Jason A., B.A., M.S., Ph.D., Yukon, OK
Schiemel, Andrew, CDR, MC, USN, Pensacola, FL
Schwartz, Joseph D., LT, MC, USN, Oak Harbor, WA
Van Benthem, Kathleen D., Ottawa, Ontario, Canada
Vandenberg, Robert, M.Sc., Vienna, Austria
von Herold, Manuel Arce, San Jose, Costa Rica
Whinnery, Typ, Norman, OK
Whittaker, Stuart, M.D., Victoria, British Columbia, Canada
Zacharias, David G., Rochester, MN

SAFE Call for Papers 50th Annual SAFE Symposium October 22-24, 2012 Grand Sierra Resort and Casino Reno, NV Deadline for Abstract Submissions is June 15, 2012.

All 200-word abstracts in the fields of safety, survival, and life support must be submitted electronically in MS Word format to the SAFE Office at safe@peak.org using the form available on the website (www.safeassociation.com/symposium.htm). The SAFE Office will coordinate all review and acceptance.

For further information contact: SAFE Association, Post Office Box 130, Creswell, OR 97426; Phone (541) 895-3012; Fax (541) 895-3014; e-mail safe@peak.org; web site www.safeassociation.com.

INDEX TO ADVERTISERS

Aerospace Medical Association	
Advance Registration Form	iii
Corporate Members	464
Hotel Form	ii
Information for Authors	Cover III
Wing Registration Form	v
European School of Aviation Medicine	
ETC	460, 461
UHMS	Cover IV