

President's Page

2013 – New Challenges, New Opportunities

Happy New Year to All!

The beginning of a new year is always a good time for a brief reflection on the year just ended. Without a doubt, 2012 was a good year for our Association! For the first time in the past 5 years our revenues exceeded our expenses. The "Blue Journal", under the leadership and management of Fred Bonato and Pam Day, remains the premier Aerospace Medicine publication in the world! The staff has done an incredible job this year, especially their work on the new website. While truly a team effort, Rachel Trigg and Pam have done extraordinary work in launching this critical initiative. Rachel's efforts were so instrumental to the effort that her position was changed to reflect her increased responsibilities in this area. Our meeting in Atlanta was a great success, both in terms of attendance and the quality of the science presented. All told, a solid year!

While each year seems to bring new challenges, it also brings new opportunities. 2013 will be no different. One of the major focuses of the Executive Committee and Council is to explore new business models that will reduce the Association's current dependence on a single annual meeting to provide a significant portion of the annual revenues. The Annual Scientific Meeting produces 30-40% of AsMA's annual income. Our dependence on the annual meeting to generate revenue has long been recognized as a weakness in our business model, but events in recent years have brought the potential threat into sharp focus. The ability of our members to attend the annual meeting has been affected by events as diverse as the H1N1 outbreak in 2009 to the Icelandic volcano restricting air travel to and from Europe in 2010. The Anchorage meeting's "hiccup" was a change in federal per diem rates that would have led to significantly higher out-of-pocket expenses for all of our members employed by the federal government. While we currently have sufficient reserves to survive should the annual meeting be curtailed or cancelled, it would create a huge budget shortfall. This year's meeting in Chicago will be no different.

In a desire "to promote further efficiency and cost consciousness," the U.S. Office of Management and



P. Glenn Merchant, Jr., M.D., M.P.H.

Budget (OMB) recently issued a memorandum establishing new requirements (restrictions) regarding travel and conference attendance by federal employees. That directive led to the Department of Defense to issue a memorandum imposing travel restrictions of such magnitude that the Association of Military Surgeons of the United States (AMSUS) cancelled their annual meeting scheduled for November. Obviously, it has the potential to significantly impact attendance by federal employees at the Chicago meeting. Much as he did when the Anchorage per diem issued appeared, our Executive Director quickly reached out to the senior leadership of our largest federal agency to develop a plan to gain the necessary clearances for our federal employees to be able to attend. We're keeping our fingers crossed.

This action has placed even more emphasis on AsMA's need to identify and develop other methods of delivering continuing education to our members. The Executive Committee is aggressively looking at other revenue sources to reduce our dependence on a single event for survival.

As reflected in the theme of Chicago's meeting—"Transforming Today's Challenges into Tomorrow's Opportunities"—AsMA faces challenges, but also has huge opportunities. I look forward to working with each of you as we continue to advance the science, and the art, of Aerospace Medicine for all who entrust themselves into our care.

Best wishes in this New Year.

Association News

In Memoriam James F. Parker, Jr., Ph.D.

James Parker, Ph.D., died on August 25, 2012. Dr. Parker was a former Fellow of AsMA. A long-time supporter of AsMA, Dr.



Parker founded BioTechnology, Inc., in 1962. The company became a Corporate and Sustaining member of AsMA.

Dr. Parker received his Ph.D. in experimental psychology from the University of Maryland. His dissertation was on the problems of aviation safety in Navy squadrons during operations in the Mediterranean. He served in the U.S. Navy aboard the USS Randolph and at the Bethesda Naval Hospital.

Dr. Parker's career spanned several decades and some of his more notable works include Managing Editor of the 1st and 2nd editions of the U.S. Naval Flight Surgeon's Manual, co-author of the 1st edition of the Bioastronautics Data Book, and managing editor of the 1st edition of Space Physiology and Medicine. Dr. Parker pioneered research in military and civilian pilot safety. He received the Association's Raymond F. Longacre Award in 1987 for his life-long work in pilot protection, performance measurement, vision and audition, human factors, and documenta-

tion of biomedical programs. He was an honorary member of the Society of NASA Flight Surgeons.

New Members

Caswell, Jason H., M.D., Cheyenne, WY
 Cinelli, Ilaria, Ph.D., London, UK
 Corbett, Mark A., Greenwith, SA, Australia
 Eggan, Stephen M., Ph.D., Wright-Patterson AFB, OH
 Garcia, Arturo, SSgt., USAF, Pensacola, FL
 Jewell, Susan, Dr., Tarzana, CA
 Lucio, Nicholas D., B.A., San Antonio, TX
 Malone, Sean I., M.D., Salisbury, NC
 Muhi, Stephen, M.B., B.S., Cranbourne, Australia
 Muniz, Pable Freixa, M.D., Caba, Argentina
 Neese, Brian, Capt., M.D., M.P.H., Davis Monthan AFB, AZ
 Niska, Richard W., M.D., Washington, DC
 Schneiderman, Jason S., Ph.D., Philadelphia, PA
 Wherry, Calen, Wright-Patterson AFB, OH

**Check out the new, improved
AsMA website!!!**
<http://www.asma.org>
**Explore the links to our
Constituent and Affiliate
Organizations, the WING, and
our Corporate Members!!!**

Future AsMA Meetings

May 12-16, 2013
Chicago Sheraton
Chicago, IL

May 11-15, 2014
San Diego Hilton
San Diego

May 10-14, 2015
Walt Disney World Swan and
Dolphin Hotel
Lake Buena Vista, FL

April 24-28, 2016
Rio Las Vegas Hotel and Casino
Las Vegas, NV

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Nominations Sought for 2013 AsMA Awards

The Awards Committee of the Aerospace Medical Association, which is responsible for selecting the annual winners of special awards, has set a **January 15** deadline for receiving nominations for awards to be presented at the 2013 Annual Scientific Meeting in Chicago, IL. The names of prospective award winners should be submitted as far in advance of the deadline as possible. To view a list of past recipients go to the AsMA website: <http://www.asma.org/pdf/awrdwin.pdf>

Nominations can be made by any member of AsMA.

Rules:

1. The nominee must be a current member of the Association by Feb. 1 in the year in which the award may be given, with the sole exception that the Sidney D. Leverett, Jr., Environmental Science Award is open to nonmembers.
2. Employees of a company sponsoring an award are eligible to receive the award. Self-nomination is not allowed. Deceased members may be nominated.
3. Nominations for the Tuttle and Environmental Science Awards must cite a specific paper printed in *Aviation, Space, and Environmental Medicine*. The award will be given to the first author, with co-authors that are AsMA members receiving co-author recognition.
4. An individual can only receive one award in any one year. The same individual may receive an award more than once, so long as five years have elapsed between the last time that award was won by that same awardee. The exception is the Bauer Award, as this award is only given once to an individual.
5. Nominations are good for three years from the original award nomination. They may be updated. If substantial material has changed for the same award within that three-year cycle—a new nomination should be submitted.
6. The form is available on the AsMA website. You may either submit the nomination directly from the website or you may download the

nomination form into your computer for e-mailing as a pdf document attachment. Nomination forms sent via e-mail should be addressed to the Awards Committee Chair, Kris Belland, D.O., at awards@asma.org; and Ms. Gisselle Vargas at AsMA Headquarters (gvargas@asma.org). If e-mail is not available, you can send a hard copy of the form via normal mail to: Aerospace Medical Association, 320 South Henry St., Alexandria, VA 22314; or fax to the AsMA Home Office: (703)739-9652. Any auxiliary biographical material in electronic or hard copy **attachments must be limited to 3 typed pages** and will be retained in Association files.

7. Nominations received after **Jan. 15th** will be considered for awards to be presented at the next annual meeting.

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

Send information for publication on this page to: **Corporate News**
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Alexandria, VA 22314-3579

NEWS OF CORPORATE MEMBERS

Mayo Clinic Study Validates Teleconcussion Case

A program at Mayo Clinic using telemedicine technology is showing promise for patients with concussions in rural Arizona. A case study published in the December 2012 issue of *Telemedicine and e-Health* validates "teleconcussion" as a useful means to assess concussed patients. In the case study, doctors at Mayo Clinic in Arizona (<http://www.mayoclinic.org/arizona/>) conducted a live audio-video evaluation of a 15-year-old soccer player in Show Low, AZ, who received a concussion during a game. The teleconcussion evaluation, believed to be the first in the state to use telemedicine for concussions, supports the use of this technology to bring concussion expertise to rural locations. Similar telestroke, teleneurology, and teleepilepsy programs have been operating at Mayo Clinic in Arizona for several years.

With telemedicine technology, use of a specialized remote controlled camera system allows the patient in the rural setting to be "seen" by the neurology specialist in real time. The Mayo Clinic neurologist, whose face appears on the screen of the monitor, consults with physicians at the rural sites and evaluates

the patient via Internet-based computers. Mayo Clinic in Arizona first used telemedicine technology with the stroke telemedicine program in 2007. Mayo Clinic was the first medical center in Arizona to do pioneering clinical research to study telemedicine as a means of serving patients with stroke in nonurban settings, and today serves as the "hub" in a network of 10 "spoke" centers, all but one in Arizona. Since the stroke program began, more than 1,000 emergency consultations for stroke between Mayo stroke neurologists and physicians at the spoke centers have taken place.

—For more about this, please see <http://www.mayoclinic.org/news2012-sct/7177.html>.

ETC Contracts with Netherlands Ministry of Defense

Environmental Tectonics Corporation's (ETC's) Simulation Division, located in Orlando, FL, has been awarded a contract from the Netherlands Defense Materiel Organization to deliver an Advanced Disaster Management Simulator (ADMS™). The simulator will be used to educate, assess, and train

fire and rescue services personnel.

The portable ADMS-Airbase virtual reality training system will be delivered to the Fire Academy of the Royal Netherlands Air Force (RNLAf) at Woensdrecht Air Force Base, and from there deployed by mobile training teams to provide on-site training to all other bases and facilities in the Netherlands. The training system will be adapted to meet specific requirements, including RNLAf vehicles with crews, a variety of aircraft incidents, and road traffic accidents, hazmat situations, and wildland and structural fires.

ADMS-Airbase consists of a military airbase with hangars, aircraft shelters, support facilities, ammunition storage, residential areas, and runways. The ADMS-Airbase system features ETC's Signature Simulation Technology including the SmartModel™ library, which enhances exercise development and creativity by allowing unlimited scenario capabilities. SmartModel library objects such as aircraft and crashed vehicles can be added to any scenario to create additional challenges for the trainees.

—For more information, please see <http://phx.corporate-ir.net/phoenix.zhtml?c=106827&p=irol-newsArticle&ID=1760868&highlight=>.

Attention AsMA Members!!!

The APRIL issue will be the Scientific Meeting Program and Abstract issue of ASEM this year, instead of March.

Bring this issue with you to our 84th Annual Scientific Meeting May 12-16, 2013.

If you choose not to bring your program with you, that is ok--you can purchase a copy with your registration for only \$10. (If you receive your journal electronically, you will not be charged for the paper program.)

The April Program and Abstract issue of ASEM will also be available online with Ingenta for free and will be available by mobile app at the meeting.



European School of Aviation Medicine

**Training Courses 2013
for JAA/FAA Aero Medical Examiners**

Aviation Medicine/Travel Medicine

Diploma Course 22 9 – 17 March 2013

AME Class 2

Basic Course 23 31 August –
8 September 2013

AME Class 1

Advanced Course 23 7 – 15 December 2013

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

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

UNDERSEA & HYPERBARIC MEDICAL SOCIETY 46th ANNUAL SCIENTIFIC MEETING

**JUNE 13-15
2013**

Pre-course: June 12



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Deutsche Akademie für
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European School of
Aviation Medicine

Scientific Award 2013

The European School of Aviation Medicine Award recognizes work that demonstrates excellence in clinical practice, education and/or administration in the field of aviation, aerospace, travel medicine and related scientific areas. Eligible candidates should have accomplished the scientific work in an EASA member state. Only manuscripts in English or German language can be accepted.

The award includes:

Honorarium of 10 000 €
Certificate as recognition of the award

The application form should contain:

- Three carbon copies of the scientific work.
- A two page curriculum vitae including a short bibliography.

Candidates should be aware that

- Only one manuscript per candidate will be considered.
- An individual may not apply for other awards with the same work submitted herein.

Award applicants are encouraged to send their work to the Scientific Board of the European School of Aviation Medicine, Lufthansa-Base, 60546 Frankfurt (DAF.Frankfurt@t-online.de).

Deadline for application will be 28 February 2013