

President's Page

By now you may have heard the news that a successor to Dr. Sarah Nunneley as Editor-in-Chief of this journal has been chosen.

For those of you who haven't heard, Dr. Frederick Bonato was selected by an all-star Selection Committee chaired by Dr. James Webb, one of our Vice Presidents. Assisting him were Melchor Antunano, Michael Bagshaw, Mary Anne Frey, Thomas Luna, and Dougal Watson. Dr. Nunneley was a non-voting advisor to the Committee. This committee worked hard, but quickly: they were commissioned for the job just last fall, and made their recommendation to ExComm and Council shortly after the meeting in Los Angeles. A very sincere "thank you" to this group.

Dr. Bonato is a Professor of Psychology at Saint Peter's College in New Jersey. His background includes three degrees from Rutgers University, including a Doctor of Philosophy in 1993. Until very recently he was Chair of the Department of Psychology at his College, and directs the Office of Faculty Research and Sponsored Programs. He has served on a number of important committees and working groups at his college, including a term as President of the Faculty Senate.

His area of expertise is in motion sickness research. He has an outstanding record of publishing his research, with numerous peer-reviewed articles, including six in "Aviation, Space, and Environmental Medicine." He has also presented his research at many conferences and workshops. He has served as a peer-reviewer for a number of publications, including this one.

His high-level work in academia, extensive publications in a pertinent scientific area, and strong performance in the application/interview process make Dr. Bonato a great selection for our Journal. I am confident he will be a superb Editor-in-Chief, and I welcome him to the team.

The handover will be smooth and deliberate. Dr. Nunneley will remain Editor-in-Chief through December of this year. Dr. Bonato will officially take over in January, but they are working together now to make sure Dr. Bonato is fully up to speed before he takes over. In addition, Dr. Nunneley will



Robert W. Weien, M.D., M.P.H.

complete editing on articles for which she began the process, even into 2010.

It may seem early, but your Association is already deep in the preparations for next May's meeting in Phoenix. One of the stages of that process was a visit to the convention site, in early July. It's going to be a very good meeting, based on our experiences during that visit.

Dr. Rayman and I made the trip and were joined there by some other members, including Jan Stepanek, the Arrangements Chair, and Dale Orford, President of the Wing.

The Sheraton Phoenix Downtown Hotel is a beautiful 31-story building, and is less than a year old. The convention spaces are almost all contained on two floors within the hotel: no outdoor hikes to convention centers next May. We will have excellent facilities for our sessions, lunches, smaller meetings, and evening social events. The rooms are large, and easy to find.

The surrounding area is exciting, also. Sports fans will be pleased to hear that Chase Field, home of the Diamondbacks, is within walking distance. The US Airways Center, Arizona Science Center and other attractions are nearby, as well.

There are some good restaurants in the neighborhood, for those who wish to head outside.

This will be a fantastic meeting, and you should reserve those dates (May 9 to 13, 2010) now.

As always, if you have suggestions or concerns, please feel free to contact me at president@asma.org.

Association News

Bonato Chosen as New Editor of *Aviation, Space, and Environmental Medicine*

Frederick C. Bonato, Ph.D., has been chosen as the 10th Editor of *Aviation, Space, and Environmental Medicine*. The selection was made during the 80th Annual Scientific Meeting in Los Angeles in May 2009 by a search committee, chaired by James T. Webb, Ph.D., and approved by Executive Committee shortly after the meeting. Dr. Bonato will become the new editor at the end of the year, taking the reins from Dr.



Sarah Nunneley, who has guided the journal for the past 8 years.

Dr. Bonato received his Bachelor of Arts, *magna cum laude*, from Rutgers University in 1989 and went on to receive his Masters and Doctor of Philosophy degrees there. He has been with Saint Peter's College, Jersey City, NJ, since 1995, first as Assistant Professor, then Associate Professor, and is currently a full Professor of Psychology and Director of the Office of Faculty Research and Sponsored Programs. In this capacity he reports directly to the Vice President of Academic Affairs and his responsibilities include government grants, internal fellowships, maintaining the OFRSP website, and coordinating faculty development resources and activities. Until very recently he was also Chair of the Department of Psychology as well.

Dr. Bonato has worked on numerous college task forces and committees including the Task Force for a Center for Excellence in Teaching and Learning, the Information Technology Strategic Planning Committee, the Animal Care Committee, the Library Committee, and as Co-coordinator of the Vickers Lecture Series in the Natural Sciences.

The list of his awards, grants, and fellowships includes grants from the University of Wollongong Research Council in 2006 as Co-Principal Investigator for "The Role of Inter-sensory Conflict in Simulator Sickness" and in 2008 as Co-Principal Investigator for "Self-Motion Perception and Motion Sickness in Situations of Sensory Conflict"; a NASA grant as Project Director for "Enhancing Physical Sciences and Human Factors Education and Research" in 2006-2008; and a National Science Foundation Research Grant from 2005-2009 as Project Director/Co-Principal Investigator for "Visual Self-Motion Perception and Motion Sickness." These research studies (among many others) lead to a variety of publications including several in *Aviation, Space, and Environmental Medicine*, most recently "Vertical display oscillation effects on forward vection and simulator sickness" (with S. Palmisano, A. Bubka, and J. Folder; ASEM 2007; 78:951-6).

Dr. Bonato has made over 75 presentations at conferences, particularly the Eastern

Psychological Association, the Psychonomic Society, and the Vision Sciences Society meetings. He is a member of these societies as well as AsMA, the American Psychological Society, the Human Factors and Ergonomics Society, and the International Committee on Visually-Induced Motion Sickness.

In addition, Dr. Bonato has been a reviewer for *ACM Transactions on Applied Perception*; *Aviation, Space, and Environmental Medicine*; the *Journal of the Optical Society*; the *Journal of Psychosomatic Research*; the *Journal of Vestibular Research*; *Perception*; *Psychological Science*; and the Royal Society of London.

Executive Director's Column



Rayman

PHOENIX 2010

Dr. Weien and our team have just returned from a site visit in Phoenix and we are very pleased with what we have seen. Our meeting is scheduled in Phoenix May 9 - 13, 2010, in the Downtown Sheraton Hotel. The hotel is brand new, having opened this past October. The lobby, meeting rooms, and sleeping rooms are spacious and very attractive. Fortunately, the hotel can accommodate our entire meeting including break-out sessions, committee meetings, and food and beverage functions. Consequently, we will be under one roof. The room cost is extremely reasonable at \$106, just \$10 above U.S. Federal Per Diem. I would encourage everyone who attends our meeting to stay at our contracted hotel in order to ensure that we fill our room block.

The hotel facility includes a very large restaurant, bar, outdoor swimming pool, and a very large and up-to-date physical fitness center (use is gratis). The convention services manager is Ms. Deborah Hugo, whom we met and found to be extremely affable and responsive to our needs. Consequently, we look forward to a very successful meeting in Phoenix.

Other good news is that the hotel is in the middle of the downtown area and just 10 minutes away from the airport. Within easy walking distance are theatres, the symphony, movies, museums, and numerous areas for shopping as well as dining. The baseball stadium is also within walking distance. So if the Diamondbacks are in town, you could attend a major league baseball game.

We were told that temperatures during the day in May are around 90 degrees Fahrenheit

but it is very dry, so it is not as uncomfortable as one might expect.

In the coming months, Tom Dozier, our meeting planner, will be working details regarding meeting rooms, although your site visit team did reserve rooms for our major events such as the Opening Ceremonies, Welcome Reception, International Reception, and Honors Night. If you need to reserve meeting space for committee meetings, constituent or affiliate organization meetings, or other group events, please contact Tom at tdozier@aimmeetings.com.

We very much look forward to our meeting in Phoenix and I hope you are as well. Be sure to plan ahead and make arrangements to attend. Better yet, you might even consider submitting a paper as the abstract website will open on September 1. See you in Phoenix.

Submit your 2009 Scientific Meeting Abstract

www.asma.org

Site available: September 1, 2009

Deadline: October 30, 2009

New submission site!!!

Members will receive username and password by e-mail

Online step-by-step instructions will guide you through the process.

You will receive immediate confirmation with a control number for online submissions.

AsMA Foundation Donors

The AsMA Foundation would like to thank the following donors who have generously supported the field of Aerospace Medicine in 2008:

William Albery, David (Kim) Broadwell, James Cushman, Jeff Davis, Roy DeHart, Robert Haddon, Jeffery Hovis, Richard Jennings, Smith Johnston III, Jeffrey Jones, Gottfried FH Lehmann, Jim Logan, Irene Long, Stanley Mohler, Luis Moreno, Royce Moser, K. Jeff Myers, Bruce Poitras, James R. Popplow, Russell Rayman, Jon Riccitello, Chi Sekiguchi, and Kazuhito Shimada. There were several donors who wish to remain anonymous.

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.

For further information on the AsMA Foundation, visit the AsMA website: http://www.asma.org/asma_foundation/foundation-index.php

AEROSPACE PHYSIOLOGY REPORT

Aerospace Physiology Society Awards for Operational Excellence, Training, Research, And Leadership

by Lt. Col. Paul R. Gardetto, USAF, BSC, CAsP,
Awards Committee Chair

The Aerospace Physiology Society (AsPS) is proud to announce the winners of the Society's three annual awards for excellence in operational aerospace physiology, aerospace physiology research, and aerospace physiology leadership. The award winners were announced during the 80th annual Aerospace Medical Association Annual Scientific meeting in Los Angeles, CA, during the AsPS luncheon on Wednesday, May 6, 2009. The Society would also like to acknowledge each of our award sponsors. Because of their generosity, each winner is presented with a plaque and an honorarium. Additionally, the winner of the Fred A. Hitchcock award is presented with a hard-bound copy of "Barometric Pressure" by Paul Bert.

Post Award Troy Faaborg

The Wiley Post Award recognizes outstanding contributions in direct operational physiology and aeromedical training and education over the previous 12 months. In 1972, the Wiley Post Award replaced the Paul Bert Award for Operational Physiology.



It is named in honor of the aviation pioneer Wiley Post. The Wiley Post Award is presented for exceptional service and achievement in operational physiology, including education and physiological support of Dept. of Defense, FAA, NASA, or civilian aircrew. The Gentex Corp. sponsors the Wiley Post Award. The winner for 2009 is Major Troy Faaborg. Major Troy Faaborg expertly delivered nearly 380 briefings in Aerospace Physiology and Human Performance Enhancement to over 4,600 personnel this year. Embedded into Whiteman AFB's 509th Bomb Wing flying operations, Major Faaborg provided individually tailored counterfatigue guidance for 654 long-duration B-2 Bomber mission hours, increasing system safety and accuracy. Major Faaborg's leadership and professionalism were critical to his team's selection as Air Combat Command's 2008 Human Performance Training Team of the Year and the 509th Bomb Wing's 2008 Meritorious Unit Award.

Bert Award Anthony Artino

The Paul Bert Award recognizes outstanding research contributions in aerospace physiology over the previous 5 years. This award

was established in 1969 and is named in honor of the famous French physiologist, Paul Bert, the "Father of Pressure Physiology." The Paul Bert Award is sponsored by Wyle Labs. The winner for 2009 is LCDR Anthony Artino.



LCDR Artino's multidisciplinary, applied research has had a direct and positive impact on the success of the aerospace physiology community. As a nationally recognized emerging scholar, his research has yielded 17 peer-reviewed journal articles and 27 scientific paper presentations in just 4 years. Altogether, his innovative empirical investigations—ranging from evaluations of normobaric hypoxia training to studies of web-based survival instruction—have enhanced the operational readiness of the joint warfighter by improving the relevance and effectiveness of aerospace physiology training.

Hitchcock Award Larry Krock

The Fred A. Hitchcock Award recognizes career contributions of senior aerospace physiologists for excellence in either operational aerospace physiology or aerospace physiology research. The award was established in 1972, and is named in honor of Fred A. Hitchcock, Ph.D., co-translator of Paul Bert's classic work, "Barometric Pressure."



International ATMO of San Antonio, TX, sponsors the Fred A. Hitchcock Award. The 2009 winner is Dr. Larry Krock. Larry Krock is a senior aerospace physiologist with a quarter-century of excellence in aerospace physiology research. Dr. Krock is recognized for his significant contributions to aerospace physiology in the fields of sustained acceleration, hypobaric medicine and hyperbaric medicine. His innovative work with upright, seated, rapid-onset lower body negative pressure was key to understanding fluid dynamics during +Gz and, in collaborations with NASA, to mitigating orthostatic intolerance during microgravity. Dr. Krock has progressed from a bench-level scientist to the Chief Scientist of the USAF School of Aerospace Medicine.

Congratulations to all of this year's winners. Their hard work and dedication is a testament to the high quality of individuals dedicated to research, education, and training in Aerospace Physiology.

AsPS Member Benefits

- The outstanding network potential and the chance to gain knowledge from the field's top minds.
- The opportunity to take part in forums for the integration and utilization of experts in many diverse professional fields. Our members have shared their expertise in multinational and multi-service working groups for altitude effects, acceleration, spatial disorientation, passenger and patient transport, and human factors.
- The opportunity to recognize scientific achievement in the field of aerospace physiology. There are three Society awards presented each year.
- The chance to contribute to the success and quality of the annual AsMA conference. The Society's Education and Training Day has been one of the most widely attended sessions during the annual conference.

Membership is only \$10. For more information, please contact:

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Egyptian Aviation Academy Newest Corporate Member

The Egyptian Aviation Academy (EAA) recently became the Aerospace Medical Association's (AsMA's) newest Corporate Member. EAA has been training pilots since 1932 and is considered the first regional institute for training in the field of civil aviation both in Egypt and the Middle East. They have established three other institutes equipped with the latest systems and equipment and are continuing to develop training programs according to the latest international recommendations. They have become the leading organization in civil aviation training in both the regional and international levels as well as being acknowledged by the Education Ministry in Egypt.

Their goal is to maintain excellent standards while providing competent training locally and internationally. Students and trainees are the core of EAA's training process, which aims to prepare them for independent thinking, encourage talent, and ensure they have all the knowledge they need. As a result, EAA has been recognized by the International Civil Aviation Organization (ICAO) as a regional center for pilot training.

—For more information on EAA, please visit their website at www.eaegypt.com/home.html.

NEWS OF MEMBERS

Send information for publication on this page to: **News of Members**
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AsMA Past President John M. Talbot Has Died

We have just learned of the death of John M. Talbot on July 6, 2009. He was President of AsMA for 1968-69. He lived out his years of retirement in Annapolis, MD. Reprinted here is the biography of General Talbot as printed in the May 1968 issue of Aerospace Medicine, p. 544:

Brigadier General John M. Talbot, USAF, MC, Assistant Surgeon General for Staffing and Education in the Office of the Surgeon General, United States Air Force, Washington, D.C., was formally installed as the Aerospace Medical Association's 38th President during colorful ceremonies at the Association's Honors Night Banquet, May 9, 1968, climaxing the 39th Annual Scientific Meeting in Miami Beach, Florida.



Receiving the gavel of office from out-going President, James N. Waggoner, M.D., General Talbot made a short statement concerning his plans for the forthcoming year.

General Talbot has had a long, productive and distinguished career in Aviation and Aerospace Medicine in various parts of the world, and has fulfilled very responsible executive posts in directing American policy in the application of aeromedical science to the space program and to national defense.

General Talbot, a native of California, whose father was also a physician [Ed. note: His son was a physician as well.], received his undergraduate training and his medical degree from the University of Oregon, serving his internship at the U.S. Marine Hospital in New Orleans, Louisiana. He began his military service in 1939 and soon after attended the course in Aviation Medicine at the School of Aviation Medicine, Randolph Field, Texas, receiving his rating as a Flight Surgeon in 1940. He is also a graduate of the Medical Field Service School, Carlisle, Pennsylvania, and the Army Command and General Staff School. Post World War II graduate education included a one-year course in Medical Physics at the University of California.

General Talbot's principal assignments have been with the Eighth Air Force in Europe during World War II; ten months with Task Force I and Operation Crossroads; and four years as head of the radiobiology and biophysics research and teaching program at the School of Aviation Medicine, Randolph Field, Texas. From the fall of 1951 until September 1956, he was assigned to the Human Factors Research Division, Headquarters Air Research and Development Command. Following a tour of duty from 1956 to 1959 as Commander, 7112th Central Medical Group, Europe, he was assigned to Washington to the Office of the Director of Defense Research and Engineering, Office of the Secretary of Defense as staff specialist for medical sciences. In 1962 he was assigned to the Air Force Systems Command at Andrews AFB, as Director of Aerospace Medicine in the Directorate of Manned Space Flight, and in

1963 was assigned to the Office of the USAF Surgeon General as Special Assistant to the Surgeon General for Aerospace Medical Research, with additional duty as Chief, Aerospace Medical Division. Early in 1967, General Talbot was named Assistant Surgeon General for Staffing and Education.

General Talbot has been very active in the Aerospace Medical Association for many years. In 1961 he was elected President of the Association's Space Medicine Branch, a position he filled with distinction, making a valuable contribution to the furtherance of this branch of the Aerospace Medical Association. He served as the President of the Society of USAF Flight Surgeons in 1964-65, and was the 1964 Arrangements Chairman of the Association's Annual Scientific Meeting in Miami Beach, Florida.

He was the Chairman of the Association's important Long Range Planning Committee, and was the 1965 Chairman of the Scientific Program Committee for the Association's New York Annual Meeting. He was elected First Vice-President of the Association in 1966 at Las Vegas, Nevada, and has served for the past four years on the Executive Council and Committee of the Association.

General Talbot was presented the Association's Theodore C. Lyster Award at the 38th Annual Meeting in Washington, D.C. He is a Diplomate in Aerospace Medicine of the American Board of Preventive Medicine, and has been a Fellow of the Aerospace Medical Association since 1959.

MEETINGS CALENDAR 2009

September 6-10, 2009; 57th International Congress of Aviation and Space Medicine (ICASM); Zagreb, Croatia.
 For more information, visit www.wcmmkl2009.com/.

October 4-9, 2009; 38th World Congress on Military Medicine; Kuala Lumpur, Malaysia.

For more information: <http://www.wcmmkl2009.com/>.

October 14-17, 2009; XXVI International Meeting of Aerospace Medicine; Hotel Fiesta Inn León, León, Guanajuato, Mexico.
 For more information: www.amma.org.mx or e-mail amezcuca@prodigy.net.mx.

October 18-19, 2009; Seventh Annual Meeting of the Society for Human Performance in Extreme Environments; Grand Hyatt, San Antonio, TX.
 For more information, see <http://www.hpee.org/>.

October 19-21, 2009; SAFE Association 47th Annual Symposium; Town & Country Resort & Convention Center, San Francisco, CA. For more information, contact Jeani Benton, 541-895-3012, e-mail safe@peak.org, or visit www.safeassociation.com/.

October 19-23, 2009; 53rd Annual Meeting of the Human Factors and Ergonomics Society; Grand Hyatt, San Antonio, TX.

For more information, please visit <http://hfes.org/web/HFESMeetings/09annualmeeting.html>.

October 19-23, 2009; Orange Flag 2009; ETC, National Aerospace Training & Research Center, Southampton, PA.
 Oct. 19-21 will be for international personnel and Oct. 22-23 for domestic aircrew. For information, please visit www.etcorange-flag.com/.

Future AsMA Meeting Sites

May 9-13, 2010
Sheraton Hotel
Phoenix, AZ

May 8-12, 2011
Egan Convention Center
Anchorage, AK

May 13-17, 2012
Atlanta Hilton
Atlanta, GA

Member News

Geoffrey "Rock" Ewing, D.O., Maj, USAF, MC, FS, is now a full time student and resident in the Residency in Aerospace Medicine for the U.S. Air Force.

MAJ Scott F. McClellan, M.D., M.P.H., formerly Aviation Brigade Surgeon, 3rd Combat Aviation Brigade, 3rd Infantry Division, Hunter Army Airfield, GA, has transferred to become an Ophthalmology Resident, Madigan Army Medical Center, Ft Lewis, WA.

New Members

Dulin, Tom, M.B.B.S., M.Sc., Seminole, FL
 Mehrzad, Heidi M., B.S., M.S., Port Orange, FL
 Venezia, John J., CPT, MC, USA, League City, TX
 Weenink, Robert P., M.D., Hoofddorp, The Netherlands
 Wierstra, Benjamin T., Capt., CF, M.D., Borden, Canada

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