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AsMA Foundation Newsletter

Volume 3, Fall 2015

Foundation Initiates Heritage Society

At the recent Board meeting in Orlando, the Foundation initiated a Society to honor friends of aerospace medicine who have included the Aerospace Medical Association Foundation in their estate plan or dedicated future gifts to the Foundation. The Heritage Society honors colleagues and friends who make a commitment to the Foundation by will, revocable living trust, life insurance, life-income gift, retirement account designation or other deferred gift arrangement. Founding member include Walter and Sylvia Goldenrath and Charles Billings.

Qualifying commitments may be of any amount, and by mutual agreement may be directed to support existing programs and endowments, qualified new programs of the donor's choice, or may be undesignated. Donors are encouraged to consider gift designations that provide as much flexibility as possible to meet the changing needs of aerospace medicine and its allied fields.

Heritage Society members partner with the Foundation to assure the future of the international aerospace medicine community and the Association through support of scholarships, grants, awards, research, scientific publications, education, communication technology, and professional development. By sharing the good news of your gift, we can ensure the future gift is used in the manner you desire, and your generosity will be recognized by the Foundation long before the gift is transferred. However, those who wish to include the

Foundation in their estate plan but remain anonymous may do so.

Most importantly, Heritage Society members understand that they have established an enduring legacy and enabled this important field to benefit the health and safety of those who work and participate in aviation and space for generations to come. For those with any questions about the Heritage Society, please contact any of the Foundation Board of Directors. Current Board members includes George Anderson (Pres), Jeffrey Davis (VP), Peach Taylor (Sec-Treas), Melchor Antunano, Genie Bopp, Ramon Dominguez-Mompell, Richard Jennings, Jeff Sventek, and David K. Broadwell.



Heritage Society Logo

2015 Fellows Award Has Large Number of Applicants

Melchor Antunano, Chair of the AsMA Fellows Scholarship Committee, has announced that there are 12 eligible applicants for the 2015 scholarship who delivered their presentations at the AsMA meeting in Orlando. The \$2,000 scholarship is funded by the Foundation and is presented annually to an AsMA member who is a student in an aerospace medicine residency, 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, and engineering. Selection criteria include delivering a slide or poster presentation as a first author at the AsMA Annual Scientific Meeting and then submitting a manuscript based on the same topic and/or material as first author for publication in *Aerospace Medicine and Human Performance*.

The winner is selected by the Fellows Scholarship Committee based on scientific value, originality, quality and relevance of the candidates' presentations and published manuscripts. In addition to the cash award, the winner is invited to be recognized at the annual Fellows dinner. Brandon Richard Macias was the winner of the 2014 Fellows Award for his presentation and publication on "Intraocular and Intracranial Pressures during Head-Down-Tilt with Lower Body Negative Pressure," and he was honored at the Fellows Dinner on May 11, 2015.

Winners Announced for the 2015 Awards Sponsored by Foundation Endowed Funds

During the recent AsMA Awards Night, several awards supported by endowed funds in the Foundation were announced by AsMA.

These included:

Mohler Award:	Anita Mantri
Goldenrath Award:	Col Donald White
Tredici Award:	Claudia Stern, MD
Davis International Scholarship:	Joseph Britton MBBS



Phil Scarpa Presents Goldenrath Award to Colonel White



Phil Scarpa Presents Tredici Award to Dr. Stern

Donors Corner: Colonel Tom Tredici

Colonel Thomas Tredici's 74 year career with the Air Force and interest in aerospace ophthalmology began as a pilot making 18 bombing runs in 1944-45. At 30-35,000 feet in the unpressurized B-17G, he directly felt the deleterious effects on the ocular system that extreme cold, altitude, and hypoxia cause. These experiences lead him to a long and distinguished career in the field of aerospace ophthalmology. In 2012 he established the Thomas N. and Margaret D. Tredici Endowed Fund to support an annual AsMA award for the most significant contribution to aerospace ophthalmology and vision science and to honor his wife of over 60 years. The award may be granted for a scientific publication, discovery, procedure, or product that advances the field.

Colonel Tredici's endowed fund is a fitting legacy to his service in aerospace ophthalmology and builds on his many contributions to the field. After residency and stays at Scott and Clark Air Force Bases, AFIP, and the War College, he served continuously at USAFSAM from 1964 to 2011 except while performing surgery in Vietnam in 1965-66. While he

retired from active duty in 1987, he was immediately called to civil service duty and worked full time as Senior Scientist until 2011. He maintains an office at Brooks today. His achievements are many, but a long-term area of service was in the aeromedical consultation service that evaluated military crew and NASA astronauts. "I always take pride in that because we always gave them the best shot we could. I came up with a lot of techniques that could put people back on duty who had certain eye problems as long as it wasn't going to cause a problem in flying the airplane."



Tom and the late Margaret Tredici

Accomplishments during service as Chief of the Aerospace Ophthalmology Branch included the introduction of contact and intraocular lenses in military aviators, establishment of the DOD's first visual electrodiagnostic lab, creation of the first dedicated laser laboratory, and employment of NVGs. He saw the introduction of PRK and LASIK and created study groups to follow ophthalmologic conditions and therapeutic advances in relation to implementation and flight safety. In 1975 he saw the first acceptance of military pilots with myopia. His vision protection work on nuclear detonation flashblindness was integrated into the "gold" visors that protect NASA astronauts from UV radiation during EVA and on lunar excursions. Even the Air Force standards for sunglass protection were developed under his tutelage.

Of course, Dr. Tredici is remembered affectionately by several generations of U.S. and international flight surgeons who attended his lectures during their training and were taught the importance of vision for the aviator and also how to correctly spell "ophthalmology." Between 1965 and 2014 he gave a paper for 50 consecutive years at the AsMA annual scientific meeting. Major General George Anderson said that, "Colonel Tredici's quest for excellence has been unmatched in duration and

consistency." Colonel Tredici was the last B-17 combat pilot to retire from active duty, and his lengthy career and countless contributions to the field of aerospace ophthalmology make the Thomas N. and Margaret D. Tredici Award special for its recipients. Colonel Tredici has chosen a wonderful way to cap a distinguished career in aerospace ophthalmology, clinical care, research, education, and pilot medical certification, and the endowed fund he created will support accomplishment in this field in perpetuity. *(Thanks to Drs. Doug Ivan and George Anderson for their input and assistance)*

Dick Trumbo Preventive Medicine Run/Walk Set for Atlantic City

The initial Richard B. "Dick" Trumbo 5K Preventive Medicine Run in Orlando was a big success with over 90 runners participating. John Darwood and Cathy DiBiase from KSC and the Disney team did a great job with the initial run logistics.



Richard B. Trumbo Run Participants

Based on several walkers in 2015, it was determined that there is time before opening ceremonies for walkers, and our hope that many will participate in 2016. The run is supported by the Trumbo Endowed Fund that was created in Dr. Trumbo's honor. For 2016, UTMB Aerospace Medicine agreed to be the shirt sponsor for the Trumbo Run/Walk participants.



Trumbo Run/Walk Shirts for 2016

Supporting the AsMA Foundation

The AsMA Foundation supports Aerospace Medicine and its allied fields through providing scholarships, awards, research grants, scientific publications, professional development, educational opportunities, and other activities.

Several named endowed funds have been created to support awards, scholarships, and events in perpetuity, but unrestricted gifts are always appreciated. It is easy to support the Foundation through several methods. Gifts may include the donation of cash, securities, bequests, life insurance, savings bonds, retirement plan assets, or real estate. Many of these methods can limit tax liability, but it is prudent to consult a tax advisor. For more Foundation information, visit the AsMA website at:

<http://www.asma.org/about-asma/related-organizations/asma-foundation>

Contacting the Foundation

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"It is one of the beautiful compensations of life that no one can sincerely try to help another without helping himself." Charles Dudley Warner