



# Ever Upward: January 2018

## AsMA Has Revised Its Logo

Jeffrey C. Sventek, M.S., CAsP, FAsMA, FRAeS  
Executive Director, Aerospace Medical Association

The Aerospace Medical Association (AsMA) Council approved a revised AsMA logo during the November 15, 2017, meeting in Alexandria, VA. This approval culminated a 2-year process to review the AsMA logo and update it to ensure the symbology associated with the AsMA logo was accurate and truly represented the association's focus on aviation and space medicine.



The old AsMA Logo with the Staff of Hermes.



The new AsMA Logo with the Rod of Asclepius.

During the May 10, 2015, AsMA Council Meeting, the AsMA President (Dr. Phil Scarpa) presented a proposal to change the official AsMA logo. This proposal was based upon a significant difference identified between the caduceus (Staff of Hermes) and the Rod of Asclepius. The Staff of Hermes is currently used within the official AsMA logo. The Staff of Hermes is depicted as a stick entwined by two snakes with surmounted wings. It is the symbol of modern medicine in India and elsewhere. Most major hospitals, medical colleges, clinics, professional bodies, prescriptions and medical journals support this symbol either as an emblem or as part of their logo. The car windshields of many doctors feature this symbol prominently as a badge of prestige and honor. But, unfortunately, the very emblem we flaunt as an insignia of our medical profession is a false symbol and has nothing or very little to do with the noble art of healing. The true and authentic symbol of Medicine is not the Caduceus but the Rod of Asclepius.

The Rod of Asclepius is a single serpent entwined rod wielded by the Greek God of healing and Medicine, Asclepius. In Greek mythology Asclepius is the son of Apollo, the god of light, the Sun, truth, and also a god of healing. Asclepius's daughters are Hygieia, the goddess of hygiene and cleanliness, and Panacea, the goddesses of remedies. The Hippocratic Oath, which all physicians have taken for centuries, is dedicated to the same four deities, namely Apollo, Asclepius, Hygieia, and Panacea.

In contrast, Hermes, also a Greek God and his counterpart in Roman mythology, Mercury, are patron Gods of commerce, trade, merchants, and a protector of tricksters and thieves. More importantly, Hermes is a God of transitions and boundaries, and moves freely between the worlds of the mortal and divine and guides departed souls to the underworld. In 1902, a Captain in the U.S. Army medical corps mistook the caduceus for the Rod of Asclepius and proposed

the adoption of the caduceus as the corps official symbol. Several years later, a librarian in the Surgeon General's office noticed the erroneous assumption and alerted his superiors, but since the symbol had been by then in use for several years, it was allowed to remain. Unfortunately, others allied to medical services in the United States and soon the world adopted the same symbol. The Staff of Hermes embodies cunning machinations and death, hardly the connotations an emblem of healing should evoke.

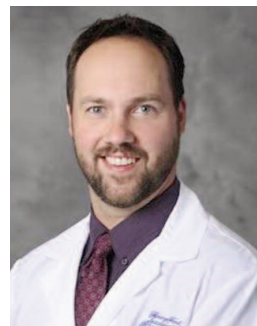
Dr. Philip Scarpa, Jr., proposed a change to the official AsMA logo that would replace the caduceus (Staff of Hermes) with the Rod of Asclepius and filling the space vacated above the shield with a black background and three white stars. This simple change would demonstrate AsMA as an association dedicated to the healing arts (Rod of Asclepius) for aviation (shield and wings) and space (black field with three white stars).

The revised AsMA logo approved by the AsMA Council offers gold wings attached to a blue shield. These colored symbols, along with the blue ring with the Aerospace Medical Association name within the ring, clearly shows AsMA's dedication to aviation. The field of black and three white stars above the wings and shield point to AsMA's dedication to space operations. Emblazoned front-and-center on the blue shield is the red Rod of Asclepius...the correct symbol for those dedicated to the healing arts.

AsMA has started the transition away from the old AsMA logo to the new AsMA logo. You will see the new logo on the AsMA website, AsMA letterhead, AsMA marketing information, and within the AsMA journal. We will continue to replace the old AsMA logo with the new AsMA logo over the coming year.

## Winners of the 2017 AsMA Fellows Scholarship

The AsMA Fellows Scholarship Committee is pleased to announce their selection of the 2017 scholarship winners.



Michael F. Harrison

Michael F. Harrison, M.D., Ph.D., was the 1<sup>st</sup> Place winner (\$2,000) for his presentation and publication of a manuscript on "Pre-Flight, In-Flight, and Post-Flight Imaging of the Cervical and Lumbar Spine in Astronauts." The 2<sup>nd</sup> Place winner (\$1,000) was Rahul Suresh, M.D., M.S., for his presentation and publication of a manuscript on "Dysrhythmias in Laypersons During Centrifuge-Simulated Suborbital Spaceflight."

The AsMA Fellows Scholarship is funded by the AsMA Foundation and is presented annually to two AsMA members who are students in an aerospace medicine residency program, graduate program in aerospace medicine (Master or Ph.D.), medical certificate or aerospace diploma course, or

See 'Fellows scholarship', p. N2

Send information for publication in this newsletter to: Journal Department, AsMA; [rtrigg@asma.org](mailto:rtrigg@asma.org)

From 'Fellows scholarship,' p. N1



Rahul Suresh

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 as first author for publication in AsMA's *Aerospace Medicine & Human Performance* (AMHP) Journal based on the same topic and/or material covered in the slide or poster presentation. The 1<sup>st</sup> and 2<sup>nd</sup> Place Winners are selected by the AsMA Fellows Scholarship Committee based on the highest scientific value, originality, quality, and relevance of the applicant's presentation and AMHP manuscript related to the field of aerospace medicine (including allied scientific disciplines). Special consideration is given to those applicants who are at an early stage in their career development. The scholarship monetary awards are used for underwriting, in whole or in part, the cost of registration fees, transportation, hotel accommodations, or any other valid fees or expenses incurred by the winners in relation to their attendance at one or more scholarly meetings on topics related to aerospace medicine.

### AsMA Members Mentioned in Conference Article

The fifth Aviation Health Conference was held in the United Arab Emirates in mid-November and was hosted by Etihad Airways. Attending were several Aerospace Medical Association (AsMA) members: Dr. Felix Porras, Dr. John Caldwell, Dr. Nadia Al Bastaki, and Dr. Paulo Alves. Dr. Porras and Dr. Caldwell were among the keynote speakers at the conference. Dr. Felix Porras serves as the AsMA Global Liaison and Outreach Committee Chairperson. Dr. Bastaki, who is the Vice President of Medical Services at Etihad Airways, has been named the Vice-Chairperson for the Middle East for the AsMA Global Liaison and Outreach Committee. Dr. Alves is an AsMA Fellow. To read the article, please visit <http://www.arabianaerospace.aero/etihad-conference-is-in-good-health.html>.

### ABPM Names New Executive Director

The American Board of Preventive Medicine (ABPM) has named Christopher J. Ondrula, JD, as its new Executive Director. Mr. Ondrula was chosen after a national search and was formerly Strategic Business Affairs & Legal Advisor for the American Board of Medical Specialties (ABMS). Prior to that, he was the Chief Executive Officer and Director of Heartland Food Corporation. He received his Juris Doctorate from Valparaiso University School of Law. To read more about Mr. Ondrula, please see the [press release](#).

### Read Current News Online!

The News pages are updated regularly. Members: check the Job Fair: new jobs are posted monthly!

### New Members

The Association welcomes 12 new members in January.

- Champion, Breanna; Lakeland, FL, United States
- Fincan, Fatah Ejder; Zeytinburnu, Turkey
- Gaidica, Matt; Ann Arbor, MI, United States
- Howell, Curtis; Fairfax, VA, United States
- Jamil, Aman Ullah; Riyadh, Saudi Arabia
- Kindling, Leslie; Arlington, VA, United States
- Lee, Albert; Fort Rucker, AL, United States
- Mercante, Daniel; Dexter, MI, United States
- Nourn, Donovan; Blacksburg, VA, United States
- Shipman, Matt; Wright-Patterson AFB, OH, United States
- Walker, Ateshia; Vancouver, British Columbia, Canada
- Wilkes, Matt; Edinburgh, United Kingdom

### MEETINGS CALENDAR

**March 26-28, 2018;** 4th Annual Singapore Aviation Safety Seminar; Singapore. For more information, please visit <https://flightsafety.org/event/4th-annual-singapore-aviation-seminar-sass/>.

**May 18-23, 2018;** American Thoracic Society International Conference (ATS 2018); San Diego, CA. For more info, please visit <http://conference.thoracic.org/>.

**May 23-26, 2018;** Preventive Medicine 2018: Annual Meeting of ACPM; Chicago, IL. For more information, please see <http://www.preventivemedicine2018.org/>.

**June 20-22, 2018;** 7th International Conference of Neurology and Neuromuscular Diseases (ICNND 2018); Warsaw, Poland. For more information, please visit <http://neuromuscular.cmesociety.com/>.

**June 28-30, 2018;** UHMS Annual Scientific Meeting; Disney's Coronado Springs Resort, Lake Buena Vista, FL. For more information, please visit <https://www.uhms.org/asm-new.html>.

**July 5-7, 2018;** Immunology 2018; Vienna, Austria. The EuroSciCon is holding its CPD accredited for Immunology conference. The theme of this year's meeting is "Spreading the new trends in Immunology." Please visit <http://immunology.euroscicon.com/> for more.

**Sept. 20-23, 2018;** 6th European Congress of Aerospace Medicine; Prague, Czech Republic. The theme will be "Trust and Care in Aviation Safety." For more, please visit <https://www.asma.org/scientific-meetings/prague-czech-republic-6th-european-congress-of-aer>.

**Nov. 26-Dec. 12, 2018;** Journey to Antarctica: Anaesthesia at the Extreme; National Geographic Explorer or similar ship. Not for profit Anaesthesiology conference. Visit <http://bluehorizonconferencing.lpages.co/antarctica-anaesthesiaattheextreme-2018/> for more information.

### Visit Us on Social Media!

Connect with AsMA online via any of the accounts below:

**Twitter:** [https://twitter.com/aero\\_med](https://twitter.com/aero_med)

**FB:** [www.facebook.com/AerospaceMedicalAssociation](http://www.facebook.com/AerospaceMedicalAssociation)

**LinkedIn:** [https://www.linkedin.com/company/2718542?trk=tyah&trkInfo=tarId:1404740611720,tas:Aerospace Medical,idx:1-1-1](https://www.linkedin.com/company/2718542?trk=tyah&trkInfo=tarId:1404740611720,tas:Aerospace%20Medical,idx:1-1-1)

## NEWS OF CORPORATE MEMBERS

### AOPA App Reaches Over 10,000 and Wins Award

More than 10,000 aviation enthusiasts have downloaded the Aircraft Owners and Pilots Association (AOPA) app, which recently won an award from the Academy of Interactive and Visual Arts. Web, app, and mobile developer Ascedia, headquartered in Wisconsin, worked with AOPA to develop the app, which launched in July. The Thirteenth Annual Davey Awards honored Ascedia with a Silver Award for the AOPA app in the Mobile Apps/Sites-Lifestyle category. The awards are judged by the Academy of Interactive and Visual Arts, which has more than 700-member organizations of “leading professionals from various disciplines of the visual arts dedicated to embracing progress and the evolving nature of tradition and interactive media.” More than 4,000 entries worldwide were submitted to the Davey Awards. The app allows AOPA members to connect with the association, watch videos, listen to podcasts, read the latest news, get alerts on temporary flight restrictions and other important events, and more. The latest release of the app adds automatic display of related articles, event filters to refine search results, the ability to pull to refresh content, and various improvements.

—Please visit <https://www.aopa.org/news-and-media/all-news/2017/november/30/award-winning-aopa-app-reaches-10000-users> for more on this.

### NIOSH Publishes Compendium on Enhancing Worker Health

A new compilation of articles, published in the November issue of the *Journal of Occupational and Environmental Medicine*, describes an effort led by the National Institute for Occupational Safety and Health (NIOSH) to develop and evaluate clinical decision support (CDS) designed to assist primary care clinicians with care of their working patients using CDS tools in electronic health records. This is the first effort to systematically develop and assess the practicality and usefulness of providing clinical decision support linked to work through health information systems in the primary care setting. The compendium, which is part of a larger NIOSH effort to facilitate recognition of the relationship between work and health and how to address it through health information technology, includes: an overview of the project; three articles that describe the process of producing proposed recommendations to introduce computer-mediated CDS into health information systems, to assist providers in the care of working patients; and results of a qualitative evaluation that gathered feedback from five primary care settings representing various areas nationwide and types of clinical practices. NIOSH selected these topics based on recommendations from a 2011 National Academies’ Institute of Medicine report, “Incorporating Occupational Information in Electronic Health Records.” Each of the articles covers one of three topic areas: the diagnosis and management of work-related asthma; workplace factors that affect diabetes management; and decisions about return-to-work after an episode of acute low-back pain not associated with work.

—Please see <https://www.cdc.gov/niosh/updates/upd-11-14-17.html> to read more about this.

### Mayo Clinic Launches Online Course for Pilots

Mayo Clinic recently launched a free online course for private and recreational pilots who are pursuing qualification through the Federal Aviation Administration’s (FAA’s) BasicMed. This alternative to traditional aeromedical certification, which was announced in May, is administered by the FAA. Mayo is one of two organizations in the nation to offer a course necessary to obtain this alternative medical qualification. The online medical course is one part of the required steps for pilots seeking aeromedical qualification through the new FAA program. A pilot must first obtain a physical examination from a state-licensed physician, who must attest that the pilot is physically and mentally fit to fly. In addition to the conversations a pilot may have with his or her physician in the physical exam, Mayo Clinic’s online course is a resource for pilots to learn and recognize the signs of certain health conditions that may affect his or her ability to fly. The course is separated into six topical modules outlined in the legislation that led to the creation of the alternative qualification pathway. These areas include conducting medical self-assessments, warning signs of serious medical conditions, mitigating medical risks, awareness of prescription and over-the-counter drugs, the importance of regular medical examinations, and details regarding requirements on pilots if a medical deficiency exists. The course, which takes approximately 90 minutes to complete, is followed by an online examination. It is accessible at [basicmed.mayo.edu](http://basicmed.mayo.edu).

—Visit <https://newsnetwork.mayoclinic.org/discussion/mayo-clinic-launches-online-course-for-pilots-participating-in-faa-basicmed/> for more on this.

See ‘Corporate News’, p. N4

### Corporate News Bites

**ALPA:** The Air Line Pilots Association (ALPA) released a statement recently regarding the restoration of unmanned aircraft systems (UAS) registration in the 2018 defense bill. They applauded Congress and the President for restoring the Federal Aviation Administration’s (FAA’s) ability to require UAS registration. *To read the whole statement, visit <https://www.alpa.org/news-and-events/news-room/2017-12-12-alpa-applauds-restoration-uas-registration-2018-defense-bill>.*

**SAA:** South African Airways (SAA) and Mango, their low-cost subsidiary, have announced route networks changes to improve efficiency and optimize aircraft usage. This will result in more Mango-operated flights in the domestic market. To enhance efficiency and provide more diverse offerings while responding to demand, the two airline brands will implement the revised schedule by 15 January 2018. Once fully implemented, Mango will operate 132 return flights on the Johannesburg-Durban route and 116 return flights on the Johannesburg-Cape Town route per week. *To read more about this, please see <https://www.flysaa.com/about-us/leading-carrier/media-center/media-releases/newsroom#>.*



### Monash University Spearheads Research at Australia's First Heart Hospital

Monash University welcomed the news that the Victoria State Government has delivered on its promise to fund Australia's first standalone, dedicated heart hospital, the Victorian Heart Hospital, to be based at Monash's Clayton campus. The Victorian Heart Hospital is a partnership between the Victorian State Government, Monash University, and Monash Health. It is a Victorian flagship health project, which will deliver world-leading cardiac services and boost the Victorian economy. As part of the initiative, Monash University will contribute AUD\$64.5 million towards state-of-the-art education and research facilities as well as a fund to attract research talent. With the project now a reality, Monash University and Monash Health will also kick start an ambitious philanthropic campaign to support the research program that will take place at the Victorian Heart Hospital's Research Centre.

—Please see <https://www.monash.edu/medicine/news/latest/articles/spearhead-life-saving-research-at-australias-first-dedicated-heart-hospital> to read more about this.

#### Want to see your company's news here?

Become a Corporate and Sustaining Member!  
Visit [www.asma.org/for-corporations](http://www.asma.org/for-corporations) to learn more or [request information](#) from the Home Office.

### Upcoming FAA AME Seminars

<u>Dates</u>	<u>Location</u>	<u>Seminar Type</u>
Feb. 9-11, 2018	Atlanta, GA	Refresher
March 19-23, 2018	Oklahoma City, OK	Basic
May 7-10, 2018	Dallas, TX	AsMA
June 11-15, 2018	Oklahoma City, OK	Basic

**PLEASE NOTE:** The only FAA seminar AsMA takes registrations for is the one held in conjunction with our annual meeting in May. For all others, please contact the FAA.

Visit: [http://www.faa.gov/other\\_visit/aviation\\_industry/designees\\_delegations/designee\\_types/ame/seminar\\_schedule/](http://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/seminar_schedule/) to learn more.

#### Future AsMA Annual Scientific Meetings

May 6-10, 2018: Hilton Anatole Hotel; Dallas, TX  
May 5-9, 2019: Rio All Suites Hotel; Las Vegas, NV  
May 17-21, 2020: Hyatt Regency Atlanta; Atlanta, GA  
May 23-27, 2021; Peppermill Resort Hotel; Reno, NV

#### Want more info on the annual meeting?

Visit [www.asma.org/scientific-meetings/asma-annual-scientific-meeting](http://www.asma.org/scientific-meetings/asma-annual-scientific-meeting) - links are in the left-hand column.