



Ever Upward: December 2017

News of Members

Dwight Holland, M.D., Ph.D., has been elected President of the Roanoke Valley Astronomical Society. He is a Fellow of the Aerospace Medical Association.

New Members

AsMA welcomes 24 new members.

- Altom, Keaton; Kansas City, MO, United States
- Amiot, Ashley; Panama City Beach, FL, United States
- Anand, Priyanka; Philadelphia, PA, United States
- Anderson, Allison; Boulder, CO, United States
- Bird, Elizabeth; La Jolle, CA, United States
- Bradley, Britany; Wingate, NC, United States
- Chinoy, Milind; Dallas, TX, United States
- David, Jason; Annawan, IL, United States
- Dodman, Jennifer; Oakhumbury, Rutland, United Kingdom
- Fiskum, Gary, Ph.D., Baltimore, MD, United States

- Greil, Christopher, Ph.D., Pensacola, FL, United States
- Harris, Steven; Dothan, AL, United States
- Horodyski, Beth; Oakville, Ontario, Canada
- Johnson, Jamie S.; Iron River, MI, United States
- LaBella, Dominic; Syracuse, NY, United States
- Murphy, Sean; Hampton, VA, United States
- Plaingam, Manoj; Saimai, Thailand
- Ravid, Joseph; Punta Gorda, FL, United States
- Saffran, Nathaniel; New York, NY, United States
- Samuelson, Heather; Tampa, FL, United States
- Scott, Helen; Lubbock, TX, United States
- Sinagra, Michelle; Universal City, TX, United States
- Ullrich, Oliver; Zurich, Switzerland
- Wiegman, Timothy; San Diego, CA, United States

Obituary Listing

AsMA regrets to report the death of Robert L. Dillenkoffer, M.D. He was an Associate Fellow and Life Member of the Aerospace Medical Association and had served on the Education and Training Committee.

Visit Us on Social Media!

Connect with AsMA online via any of the accounts below:

Twitter: https://twitter.com/aero_med

FB: 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)

Upcoming Calls for Papers

May 23-26, 2018; Preventive Medicine 2018: Annual Meeting of ACPM; Chicago, IL. Abstract submission is now open. The deadline is December 6, 2017, 11:59 PM EST. For more information, please see the [abstract submission guidelines](#). More information will be available at <http://www.preventivemedicine2018.org/> later.

MEETINGS CALENDAR

December 4-5, 2017; International Conference on Ocular Pharmacology & Eye Care 2017; Holiday Inn Rome Aurelia, Rome, Italy. For more information, please visit <https://www.aoa.org/events/international-conference-on-ocular-pharmacology-and-eye-care-2017>.

December 12, 2017; Aerospace Medicine Grand Rounds; London, UK. For more info, please visit <https://www.aerosociety.com/events-calendar/aerospace-medicine-grand-round-2017/>.

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/>.

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>.

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NEWS OF CORPORATE MEMBERS

Flying Feet Newest AsMA Corporate & Sustaining Member

Flying Feet has become the newest Aerospace Medical Association Corporate & Sustaining Member. They specialize in podiatry solutions for aviation and corporate professionals. This company was established in 2016 by Margaret Grace, who had been a podiatrist with Emirates Airline. They offer orthotics that compress and will therefore fit into any style of shoe in order to meet the needs of their customers. They also offer safety shoes and corporate footwear; routine podiatry and diabetic footcare; and aviation podiatry tailored to the needs of aircrew. They are currently the only service of this kind.

—To learn more about this company, please visit <https://www.flyingfeetuk.com/>.

Mayo Clinic Studies Age in Neurosurgeons

In a new *Mayo Clinic Proceedings* study on how old is too old to perform neurosurgery, most neurosurgeons disagreed with an absolute age cutoff, but half favored additional testing for neurosurgeons 65 and older. This study is the first to survey neurosurgeons on their attitudes toward ceasing practice and testing in late career. Training to become a neurosurgeon is a lengthy process—typically 4 years of medical school, 7 years in neurosurgical residency, and frequently an additional year of post-residency fellowship. Neurosurgeons may perform surgery on the brain, spine, or any part of the central nervous system. Of 4899 neurosurgeons surveyed, 1449 (30%) responded to an anonymous and confidential questionnaire. Most respondents, 938 (65%), were 50 and older. Because more than one-third of U.S. surgeons are older than 55, the issues raised in the study will be important to other surgical disciplines.

—Visit <https://newsnetwork.mayoclinic.org/discussion/study-asks-neurosurgeons-how-old-is-too-old-to-perform-brain-surgery/> for more information.

KBRwyle Providing Astronaut Medical Services for ESA

KBR, Inc. announced today that KBR's global government services business, KBRwyle, will provide astronaut medical support services for the European Space Agency's (ESA's) European Astronaut Center Space Medicine Office in Cologne, Germany. KBRwyle will provide a broad range of services including flight medical operations, health care administration, biomedical engineering, and sport science and exercise, via a contract with Vitrociset Belgium SPRL. This work will be performed over 3 years with the potential for a 2-year extension.

—See <http://ww2.wyle.com/content/NewsDescription.aspx?NewsItem108> to read more on this.

Human Solutions Presents First VR Room for Collection Coordination

ZReality GmbH and Assyst, a company of the Human Solutions Group, have developed the globally unique Digital Showroom (VR), a virtual meeting place for all those involved in collection development. Manufacturers, their dealers and suppliers can meet virtually to review sketches, make live alterations, specify products, and order directly from the room. In one possible scenario, a moderator conducts the VR meeting in the Digital Showroom. The participants put on VR glasses and enter a virtual room, where they see a virtual model. The moderator presents the collection and triggers the changing of the outfits. Questions are asked, alterations are suggested and documented, variants are shown, and orders are accepted, just like a face-to-face meeting. Human Solutions introduced a preview of the Digital Showroom at the PI Apparel in Berlin in late October. Visitors were able to participate in a live demonstration and experienced how future collections will be virtually coordinated with partners from all over the world.

—Please visit http://www.human-solutions.com/group/front_content.php?idcat=107&idart=4959&lang=2 for more.

ETC Announces Contract from European Auto Maker

Environmental Tectonics Corporation's (ETC's) Environmental Testing and Simulations Systems (ETSS) business unit announced the award of a contract to supply full vehicle test chambers to a major European based luxury automobile manufacturer. The test chambers will be used to perform various Noise, Vibration, and Harshness (NVH) tests in addition to other tests under extreme environmental conditions. These systems represent the latest technology to support future automotive research and development. ETC's NVH test chambers are used to test vehicle suspension while operating on a 4-poster automotive test system or roller shaker. Each chamber is designed to supply a range of temperatures from -40°C to 50°C and humidity from 10% to 90%. The chambers will include full spectrum solar simulation systems that simulate the effects of the sun on vehicles. ETC's test chambers are used to test either full vehicles or single components such as the chassis, engines, air-conditioning systems, etc. ETC's test systems designed for the automotive industry include environmentally controlled drive-in vehicle test chambers, combustion air supply systems, altitude chambers and simulation systems, A/C system test benches and calorimeters, engine development systems, and automotive emissions testing systems.

—See <https://www.etcusa.com/etcs-testing-and-simulation-systems-business-unit-announces-major-contract-award-from-european-based-luxury-auto-maker/> for more information.

See 'Corporates,' p. N73

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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

NIOSH Presents Innovation Awards to Three Mining Companies

The National Institute for Occupational Safety and Health (NIOSH) Mining Program, in conjunction with the National Mining Association (NMA), recognized the efforts of Peabody Energy Corp., Kinross Gold Corp., and Freeport-McMoRan for developing new equipment or tools, or using existing technology in new ways. The three companies were awarded 2017 NIOSH Mine Safety and Health Technology Innovations Awards during NMA's Safety Award Ceremony in Washington, DC, in early November. Peabody Energy won in the coal category for its redesign of seat belt restraints in haul trucks; Kinross Gold won in the metal category for its redesigned strike hammer; and Freeport-McMoRan, also in the metal category, won for its use of new or adapted technologies to help protect their workers, including a novel use of drones. The NIOSH Mining Program invites nominations throughout the year for its awards series, which offers awards in four different sectors of the mining industry: metal, coal, industrial minerals, and stone, sand, and gravel.

—Please visit <https://www.cdc.gov/niosh/updates/upd-11-7-17.html> to read more about this.

Upcoming FAA AME Seminars

Dates	Location	Seminar Type
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.

For more, visit: http://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/seminar_schedule/.

Corporate News Bites

Pilot Medical Solutions: Pilot Medical Solutions announced that over 6000 pilots have completed an FAA Basic Medical Rule safety course. They also announced that they are seeking to hire more gurus. *Both announcements can be found at <https://www.leftseat.com/press/>.*

IFALPA: The International Federation of Air Line Pilots' Associations (IFALPA) has released a safety bulletin regarding work being done at Palermo Airport (LICJ). There is also work concurrently going on at Trapani Airport (LITC), which is normally the first alternate for Palermo. *For more on this, please see the bulletin (pdf) at [http://www.ifalpa.org/downloads/Level1/Safety%20Bulletin%20Airport%20Issues/17SAB11%20-%20Palermo%20\(LICJ\)%20Airport.pdf](http://www.ifalpa.org/downloads/Level1/Safety%20Bulletin%20Airport%20Issues/17SAB11%20-%20Palermo%20(LICJ)%20Airport.pdf).*

AFBA: The Armed Forces Benefit Association (AFBA) will be partnering with American Equity Investment Life Insurance Company to transition American Equity's National Guard and Firefighter Group Insurance to AFBA. American Equity currently insures over 65,000 National Guard members and over 13,000 fire fighters. *To read more on this, please visit <http://newsroom.afba.com/press-releases/american-equity-investment-life-insurance-company-announces-transition-national-guard-fire-fighter-group-insurance-armed-forces-benefit-association/>.*

ALPA: The Air Line Pilots Association, International (ALPA), have issued a statement commending the Department of Transportation's "Forces to Flyers" initiative. This program is aimed at increasing career opportunities for veterans who want to become professional pilots. *The statement can be found at <https://www.alpa.org/news-and-events/news-room/2017-11-16-alpa-commends-dot-forces-to-flyers-initiative-piloting-opportunities-for-veterans>.*

Season's Greetings!

*The Journal & AsMA Staff
wish everyone a happy and healthy
holiday season and a joyful New Year.*