



Ever Upward: November 2019

AsMA Members Attend International Meeting in Hungary



From left to right, Lt.Col. (Ret.) Chung Yu “Dumex” Leong and Steve Roberts pose with Dr. Kathryn Hughes (AsMA Fellow), Dr. Erich Roedig (AsMA Fellow), Dr. Hernando J. Ortega, Jr. (AsMA President), and Holly Ortega (Dr. Ortega’s wife) in Debrecen, Hungary, where the 7th User Congress was held in mid-September.

New Members

AsMA welcomes 26 new members in November.

- Alcindor, Lisa; Fort Belvoir, VA, United States
- Benbow, Rachel; Hereford, Herefordshire, United Kingdom
- Benbow, Stephen; Hereford, Herefordshire, United Kingdom
- Bernhard, Jason; Chesapeake, VA, United States
- Cardenas Valdivia, Shany; Berkeley, CA, United States
- Chong, Bryan; Auckland, New Zealand
- Church, Lauren; Loughborough, Leicestershire, United Kingdom
- Connor, Tylor; San Antonio, TX, United States
- Doyle, Stuart; Ottawa, Ontario, Canada
- Frost, Eleonor; London, United Kingdom
- Ghita, Greta; Astoria, NY, United States
- Gott, Daniel; Hampden, ME, United States

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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)

Wilkinson Quoted in Stowaway Article

Elizabeth Wilkinson, Chair of the Aerospace Medical Association’s (AsMA’s) Air Transport Medicine Committee and an AsMA Fellow, was quoted in an article about stowaways on airplanes in *Air* magazine. The article is about those who have stowed away in an airplane, most often in the undercarriage where the wheels retract, and the consequences of that. Dr. Wilkinson was interviewed about what a stowaway is exposed to and what can happen as a result. The article is at <https://airport.nridigital.com/air/oct19/plane-stowaways-putting-an-end-to-a-deadly-gamble>.

- Holley, Jacob; Colton, CA, United States
- Jeter, Tee; Reno, NV, United States
- Keller, Ryan; Houston, TX, United States
- Kordestani, Rouzbeh; Amarillo, TX, United States
- Lee, Nicholas; Scottsdale, AZ, United States
- Lipinski, Pearle, SM; Columbus, OH, United States
- Mackay, Alasdair; Henlow, Bedfordshire, United Kingdom
- Mills, Ross; Austinmer, New South Wales, Australia
- Perni, Mark; Celebration, FL, United States
- Phuong, Vi; Sale, Victoria, Australia
- Stevens, Ryan; Olney, MD, United States
- Tolvo, Catherine; Commack, NY, United States
- Wright, Robert; Fe Warren AFB, WY, United States
- Wu, Chia-Hsin; Taipei, Taiwan

AsMA Introduces New Allied Membership

In this month’s President’s Page [Aerosp Med Hum Perform. 2019; 90(11):915–916], Dr. Ortega announced a new membership initiative: Allied Membership. AsMA’s membership is internationally diverse, but for aerospace medicine practitioners in some emerging nations, participation in AsMA is not within reach. The goal is to encourage participation in AsMA’s annual meeting for networking and improving aeromedical knowledge. Our Global Liaison Outreach Committee (GLOC) developed the initiative and the AsMA Council authorized a 2-year pilot program to test the viability of this new “allied” membership. It is open to individuals from countries with emerging economies (please see Table I on p. N73) and provides a reduced annual membership fee, as well as reduced meeting registration fee. These members will be full members of AsMA and, like the student membership, will include access to the electronic journal. The GLOC will do outreach to and monitor the membership from these nations to gauge the participation from our colleagues and impacts on AsMA. The committee is due to report the results

See ‘Allied Membership,’ p. N73

Read Current News Online!

The AsMA News, Member News, and Industry News pages are updated as we get news. Members: check the Job Fair; new jobs are posted monthly!

Send information for publication in this newsletter to: Journal Department, AsMA; rtrigg@asma.org

Table I. Economies by per Capita GNI: Low Income and Lower Middle Income (UN 2018).

LOW INCOME		LOWER MIDDLE INCOME	
Afghanistan	Liberia	Angola	Mauritania
Benin	Madagascar	Armenia	Mongolia
Burkina Faso	Malawi	Bangladesh	Morocco
Burundi	Mali	Bhutan	Myanmar
Central African Republic	Mozambique	Bolivia	Nicaragua
Chad	Nepal	Cambodia	Pakistan
Comoros	Niger	Cameroon	Papua New Guinea
Democratic People's Rep. of Korea	Rwanda	Cabo Verde	Philippines
Democratic Republic of the Congo	Senegal	Congo	Republic of Moldova
Eritrea	Sierra Leone	Côte d'Ivoire	São Tomé and Príncipe
Ethiopia	Somalia	Djibouti	Solomon Islands
Gambia	Togo	Egypt	Sri Lanka
Guinea	Uganda	El Salvador	Sudan
Guinea-Bissau	United Republic of Tanzania	Ghana	Swaziland
Haiti	Zimbabwe	Georgia	Syrian Arab Republic
		Guatemala	Tajikistan
		Honduras	Timor-Leste
		India	Tunisia
		Indonesia	Ukraine
		Jordan	Uzbekistan
		Kenya	Vanuatu
		Kiribati	Viet Nam
		Kyrgyz Republic	Yemen
		Lao People's Democratic Republic	Zambia
		Lesotho	

of this pilot program to the Council in May 2021, during the Annual Meeting in Reno, NV. We are very excited for this initiative and look forward to growing the vital network of aviation and space medicine practitioners. The new Membership Application is available in the front of this month's journal with the list of eligible countries, based on the most recent United Nations report.

FAA Colloquium

Postmortem Forensic Toxicology in Aviation

The Federal Aviation Administration's (FAA's) Civil Aerospace Medical Institute is again organizing the Arvind Chaturvedi Colloquium on Postmortem Forensic Toxicology in Aviation to be held **April 7-9, 2020**, at the FAA Mike Monroney Aeronautical Center in Oklahoma City, OK, USA.

The meeting will be a scientific platform for medical examiners, pathologists, coroners, forensic toxicologists, academics, students, aerospace medicine scientists and specialists, regional flight surgeons, and NTSB personnel and other accident investigation authorities.

If you are interested in attending, **please respond by January 31, 2020**. For more information and registration, please visit: <https://cami-colloquium.eventbrite.com/>.

CALL FOR CONTRIBUTIONS

The editors of the *Journal of Advanced Transportation* are seeking contributions to the special issue "Methodologies for the Analysis and Prevention of Aviation Safety Occurrences." Please visit the [Call for Papers](#) for more information. **The submission deadline is Friday, 22 Nov. 2019**; publication will be in April 2020.

ABPM Announces Expanded Eligibility

The American Board of Preventive Medicine (ABPM) has announced the formal recognition of American Osteopathic Association (AOA) board certification as an acceptable primary certification required for eligibility for certification in three ABPM subspecialties. This time-limited change aligns with the establishment of a single accreditation system in graduate medical education.

The change will allow AOA board certification to serve as the primary credential to obtain certification in select subspecialties.

Beginning with the ABPM 2020 Examination Cycle, AOA board certification will be recognized as an acceptable primary certificate for physicians seeking subspecialty certification in Addiction Medicine, Clinical Informatics and Undersea Hyperbaric Medicine from ABPM.

To read the rest of the announcement, please see [ABPM's announcement](#).



MEETINGS CALENDAR

Dec. 17-18, 2019; Embry Riddle Aeronautical University (ERAU) Human Factors Analysis Classification System (HFACS) classes; Las Vegas, NV. For more information, please visit <https://proed.erau.edu/courses/hfacs>.

June 9-11, 2020; Global Space Exploration Conference; St. Petersburg, Russian Federation. Co-organized by the International Astronautical Federation and ROSCOSMOS. For more info, visit <http://www.iafastro.org/evenements/global-space-exploration-conference-glex-2020/>.

NEWS OF CORPORATE MEMBERS

Monash Scientist Honored with Award

Associate Professor Traude Beilharz, a Monash Biomedicine Discovery Institute (BDI) scientist, was recognized with a 2019 Georgina Sweet Award for Women in Quantitative Biomedical Science. Associate Professor Beilharz heads the RNA Systems Biology Laboratory and leads the Computational Biology Initiative within the Monash BDI. She was awarded the honor based on the excellence of her track record as a scientist and her latest work advocating for the integration of computational biology into mainstream biomedical research. She is recognized in her field for technological development in next generation RNA sequencing in the area of transcriptome 3'end dynamics. The Georgina Sweet Awards were presented in mid-October at a ceremony at the Bio21 Institute of Molecular Science and Biotechnology, University of Melbourne.

—Please see <https://www.monash.edu/discovery-institute/news-and-events/news/2019-articles/georgina-sweet-award-a-strike-for-diversity> for more about this.

Mayo Clinic Announces Alumni Awards

Mayo Clinic has named six people who will receive their Distinguished Alumni Award: S. Ann Colbourne, M.D.; Timothy O'Brien, M.D.; Ph.D.; Franklyn Prendergast, M.D., Ph.D.; Patricia Simmons, M.D.; Joseph Szurszewski, Ph.D.; and Enrique Wolpert, M.D. The award was established in 1981 to acknowledge and show appreciation for exceptional contributions of Mayo Clinic alumni to the field of medicine. People who have received the award have been recognized nationally and often internationally in their fields. The Mayo Clinic Distinguished Alumni Awards recognize the outstanding attributes and accomplishments of people who have served at high levels in all aspects of their respective fields.

—Please see <https://newsnetwork.mayoclinic.org/discussion/mayo-clinic-announces-2019-distinguished-alumni-awards/> to read about the recipients.

AOPA Medical Specialist Recognized

Aircraft Owners and Pilots Association (AOPA) Pilot Information Center Medical Certification Director Gary Crump was elected a Fellow by the Civil Aviation Medical Association, a group that began in 1948 and is known as the “voice for civil aviation medicine.” The medical association recognized Crump during the group’s annual educational conference and scientific meeting in Cleveland at the end of September. The aviation doctors unanimously approved Crump, noting that he is a respected leader whose opinions are sought by others in “matters of policy and practice.” Crump is a familiar voice and face to thousands of pilots who have called the Pilot Information Center with medical questions or viewed medical webinars he has hosted. He was involved with the implementation of BasicMed, and he maintains an educational role in the medical self-assessment program that became effective in 2017. Now, 51,000 pilots are flying under the medical alternative.

—See <https://www.aopa.org/news-and-media/all-news/2019/october/04/aviation-doctors-recognize-aopa-medical-specialist> for more.

KBR Signs Women in Defence Charter

KBR is proud to sign The Women in Defence Charter, reaffirming KBR’s commitment to gender equality and pledging its support for a new initiative across UK Defence. The Women in Defence Charter reflects the UK defense sector’s aspiration to see women represented and succeeding at all levels. By signing the charter, KBR commits to supporting the progression of women into senior defense sector roles, enhancing their individual and collective impact to the benefit of the UK defense sector. KBR’s gender parity employee network provides the tools, resources and experience to encourage lasting personal growth, enhance professional careers and create diverse leaders within the organization.

—Please visit <https://www.kbr.com/en/insights-events/press-release/kbr-pledges-commitment-gender-balance-across-uk-defence> for more on this.

Serco Helps Launch Wellbeing Program

Serco helped launch a new program aimed at increasing prisoner health-related awareness to improve reintegration outcomes at Acacia Prison. It is the largest rollout of the Red Cross Community Based Health and First Aid (CBHFA) program in the world so far. The program, which is a first for Western Australia, involves 22 prisoner volunteers at Acacia Prison, who will be trained to provide support to the wider prison population to deliver positive health and wellbeing outcomes. Acacia Prison Director Brenton Williams is proud to see the launch of this program and says it plays a complementary role to the prison’s rehabilitation and reintegration strategy, which is underpinned by Serco’s restorative justice framework and responsible prisoner model.

—Please visit <https://www.serco.com/aspac/news/media-releases/2019/serco-help-deliver-worlds-largest-roll-out-of-red-cross-well-being-program> to read more about this.

See ‘Corporate News’, p. N75

Corporate News Bites

Martin-Baker: Martin-Baker received the 2019 Spirit of Flight Award at the 57th Annual National Aviation Hall of Fame Enshrinement Dinner and Ceremony in late September. The NAHF Board of Trustees presented the award to John Martin, Co-Managing Director and CEO, at a ceremony held in Denver, CO, at Wings Over the Rockies Air & Space Museum. *For more, please visit <https://martin-baker.com/2019/10/01/martin-baker-receives-prestigious-national-hall-fame-spirit-flight-award/>.*

NeuroKinetics: NeuroKinetics, Inc., was acquired by Neurologix Technologies, Inc., in mid-September. Neurologix is a diagnostic and pharmaceutical company focused on bringing superior diagnostic solutions and novel therapeutics for the diagnosis and treatment of neurological conditions to physicians and their patients. *To read more, please see <https://www.newswire.com/news/neurologix-advances-with-the-acquisition-of-eye-diagnostic-technology-21012717>.*

NIOSH Partners with America Achieves

The National Institute for Occupational Safety and Health (NIOSH) has partnered with America Achieves, a not-for-profit organization focusing on education-to-workforce issues, to promote young worker safety and health. Through this collaboration, NIOSH and America Achieves have included materials that address foundational, workplace safety and health competencies related to hazard identification and hazard control strategies in a recently released version of *Quest for Success*, a new, innovative career exploration course for high school students to learn about and prepare for jobs of the future. Advances in technology and globalization are leading to new jobs, ways of working, and employer demands—not only for improved academic and technical skills, but also cross-sector competencies like communication, collaboration, and critical thinking. *Quest for Success* was designed to help all students explore a variety of industry sectors, new and in-demand careers, and related pathways; develop the cross-sector knowledge, skills, character, and dispositions needed to be successful in these and other careers; and learn about themselves to successfully plan for and navigate high school and postsecondary education and the world of work to achieve career and life success.

—Please see <https://www.cdc.gov/niosh/updates/upd-10-10-19.html> to learn more about this.

ALPA Testifies to Congress on Safety and Security

The Air Line Pilots Association, International (ALPA), the world's largest non-governmental aviation safety organization, recently testified before the U.S. House Transportation and Infrastructure Committee's aviation subcommittee on

the need to implement important, much needed safety and security measures that were passed in last year's reauthorization of the Federal Aviation Administration (FAA). One cost-effective security enhancement mandated by Congress is the instillation of secondary flight deck barriers. Other items passed in the legislation also waiting for final implementation are the automatic acceptance of voluntary safety reports obtained through the Aviation Safety Action Program and an update to the FAA's requirement for airline pilots to wear oxygen masks above certain altitudes.

—Please visit <https://www.alpa.org/news-and-events/news-room/2019-09-26-alpa-calls-for-final-implementation-safety-security-enhancements-2018-faa-reauth> to read more on this.

MedAire Updates Onboard Med Kits for Superyacht

Due to new medical realities and MedAire's medical experience, they have updated the medical kits provided to Superyacht, one of their clients. Results from MedAire's continued analysis of trends in the onboard medical needs of Superyacht clients, in addition to the new medical realities of growing global microbial resistance, emerging bacteria strains, incidence of drug allergy, and global shortages influenced the updates to the medical kit contents. Updates include: additional antibiotics to improve coverage for emerging bacteria strains; increased dosage of key antibiotics for more treatment options; antiviral medications to complement topical creams; and the removal of certain antibiotics due to high incidence of allergy. These updates, along with other enhancements to the MedAire Global MedKit systems, will allow superior treatment for crew, owners, and guests.

—Please visit <https://www.superyachtnews.com/press-release/29830/medaire-medical-expertise-drives-advancement-of-superyacht-medical-kit-systems> to read more about this.

Want to see your company's news here?

Corporate & Sustaining Members can send news to the *Journal*. If not a member, become a one! Visit www.asma.org/for-corporations or request information.

Future AsMA Annual Scientific Meetings

May 17-21, 2020: Hyatt Regency Atlanta; Atlanta, GA
May 23-27, 2021; Peppermill Resort Hotel; Reno, NV
April 3-7, 2022; Sheraton Denver Downtown, Denver, CO