



Ever Upward: November 2022

1st International Conference in Aerospace Medicine

The 1st International Conference in Aerospace Medicine (ICAM) was held September 22–24, 2022, at the City of Science and Industry in Paris, France. This was the first scientific meeting organized by four of the largest Aerospace Medicine organizations in the world: the International Academy of Aviation and Space Medicine (IAASM), the European Society of Aerospace Medicine (ESAM), the Société Francophone de Médecine Aéronautique et Spatiale (SOFRAMAS), and the Aerospace Medical Association (AsMA). This collaboration began organizing the ICAM in 2019 and the conference was originally scheduled for September 2020 in Paris, France. However, the COVID-19 pandemic required the conference to be delayed to September 2021. The ICAM Organizing Committee, led by Dr. Vincent Feuillie and Dr. Brigitte Guidez of SOFRAMAS, continued to meet and develop a scientific program but realized in early 2021 that the COVID-19 pandemic would not allow for adequate international travel in September 2021 so the ICAM was again postponed to September 2022.

Aerospace Medicine professionals from around the world traveled to Paris, France in September 2022 to participate in the 1st ICAM. A total of 845 registrants from 78 countries! A truly international audience.

A strong scientific program was developed by Dr. Olivier Manen of SOFRAMAS and Dr. John Crowley of the IAASM. The 2022 IAASM Andre Allard Lecture kicked off the ICAM scientific program. Mr. Luc Tytgat, the Director of the Strategy and Safety Management Directorate for the European Union Aviation Safety Agency spoke about aviation safety. The Andre Allard Lecture was followed by the 2022 John Ernsting Panel. This panel was also sponsored by the IAASM and was co-chaired by AsMA President, Dr. Susan Northrup, and the International Airline Medical Association (IAMA) President, Dr. Elizabeth Wilkinson. The panel was dedicated to “COVID-19 Aerospace Medicine Risk Mitigation, Controversies and Lessons Learned.” Following these plenary sessions, three scientific sessions were offered in parallel. Participants were encouraged to attend the session that offered scientific presentations that most interested them. This pat-

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City of Science and Industry, Paris, France (from <https://www.tourbytransit.com/paris/things-to-do/cite-des-sciences-et-de-lindustrie-la-villete>).

Hudson Receives Kidera Award

Martin Hudson, M.B.B.S., MRCP (UK), FRCP Edin., was presented with the George J. Kidera Award from the International Airline Medical Association (IAMA) at the International Conference on Aerospace Medicine (ICAM) in Paris in September. The award is given annually in recognition of outstanding achievement in the field of Aviation Medicine.

Dr. Hudson served his residency at St. Bartholomew's Hospital, London, in 1965. After obtaining a Private Pilot's License, he joined the Medical Branch of the Royal Air Force and became a member of the Royal College of Physicians in 1971. From 1972 to 1999 he was in General Practice and in 1977 became a UK CAA Authorized Aviation Medical Examiner. He was awarded the Fellowship of the Royal College of Physicians of Edinburgh in 1998 in recognition of his research and teaching in the field of hypertension.

In 1999, he set up an Aviation Medicine Consultancy as an approved Aviation Medical Examiner for the European Aviation Safety Agency (EASA), UK Civil Aviation Authority (UK CAA), USA Federal Aviation Administration (FAA), Transport Canada (TC) and the Civil Aviation Safety Authority of Australia (CASA). He was appointed as the Consultant Aviation Medicine Adviser to Thomas Cook Airlines (UK) in 2000 and continued in this role until October 2017.

Dr. Hudson was a Vice-President of the UK Association of Aviation Medical Examiners, having served for 12 years as its Treasurer and then for 3 years as Chairman. He has been a member of the Aerospace Medical Association (AsMA) since 2000 and was appointed a Fellow of the AsMA in 2013. He served as Chairman of AsMA's Air Transport Medicine Committee for 4 years from 2011 to 2015 and was a member of the AsMA Mental Health Group. He served as President of the Airline Medical Director's Association from 2018-2019. He was also a member of the European Society of Aerospace Medicine (ESAM) Advisory Board and served as the ESAM liaison representative with ICAO. In 2017 he co-authored a chapter in Professor Robert Bor's latest book on 'Pilot Mental Health'. He was also much involved with the development of

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Dr. Hudson (right) accepts the 2022 George J. Kidera Award at ICAM 22 by Dr. Elizabeth Wilkinson, President of IAMA (left), and Dr. Brinio Veldhuijzen van Zanten (center) from the IAMA Awards committee.

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tern of plenary sessions and parallel scientific sessions was followed on each of the three meeting days.

Accompanying Persons were offered several sight-seeing opportunities during the ICAM. Paris has so much to offer everyone and the sight-seeing opportunities offered by SOFRAMAS were in parts of Paris not normally considered by tourists. Special thanks to Dr. Patricia Maruani of SOFRAMS for organizing the Accompanying Persons sight-seeing program. Accompanying Persons were offered tours of: Musée des Arts Forains (Fairground Museum); Musée Marmottan Monet (Marmottan Monet Museum); Musée du Parfum-Fragonard (Fragonard Museum of Perfume); and Musée Carnavalet (Carnavalet History of Paris Museum).

Social events were also a big success during the ICAM 2022. A wonderful Welcome Reception was offered to all registrants and accompanying persons on the evening of Thursday, September 22. This event was held at the City of Science and Industry and offered all in attendance the opportunity to reconnect with old friends and make new friends. Academicians of the IAASM were offered the opportunity to participate in the Academician's Dinner on Friday evening, September 23. The Academician's Dinner was held at the Cercle National des Armées in Paris. The Cercle National des Armées is housed in a palace of neo-classical inspiration completed in 1927 from the plans of Charles Lemaesque, the architect of national monuments, and built on the site of part of the Pépinière barracks. The House of Officers of the Cercle National des Armées welcomes active, retired or reserve officers, civil servants of category A or assimilated from the Ministry of the Armed Forces, as well as holders of the Legion of Honor, auditors and former auditors from the Institute for Advanced National Defense Studies or the Center for Advanced Armament Studies, as well as their families and guests. This building was dedicated in 1954 to the memory of Marshal Joffre. Finally, the ICAM Gala Dinner was attended by a large number of registrants and accompanying persons on Saturday evening, September 24. The Gala Dinner was held in the City of Science and Industry and allowed the attendees one last opportunity to socialize at the end of the ICAM.

Paris was the perfect city to host this 1st ICAM with its rich aviation history, beautiful architecture, and rich culture. Many thanks go to our SOFRAMAS colleagues for organizing the ICAM and making it so enjoyable for all in attendance. Plans for a 2nd ICAM are underway and information will be made available as soon as those plans firm up. We hope to see many of you at the next ICAM.

Jeff Sventek, Executive Director, AsMA



Cercle National des Armées (from <https://structurae.net/en/structures/cercle-national-des-armees>).

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Peer Support Groups both for Airline Pilots and for Aviation Medical Examiners.

Dr. Hudson recently retired after over 40 years as an AME, announcing this during the Kidera award ceremony: "To have my name added to the previous winners of this award is very humbling, but there could not have been a better way to finish my 45-year career in Aviation Medicine. This has been immensely rewarding and I am pleased to think that I have made a contribution to this amazing and important scientific discipline. In this I have had enormous and dedicated support from my wife Sue, who has also enjoyed the journey with me. This would not have been possible without her."

New Members

AsMA welcomes 29 new members in November.

- Arsanious, Mina; London, United Kingdom
- Bederson, Maria; Mahomet, IL, United States
- Bourne, Mark; Newport, KY, United States
- Catania, Justin; Kingston, Ontario, Canada
- Celis, Gustavo; Bogota, Colombia
- Collins, Wendy; Bakersfield, CA, United States
- Grace, Christopher; Clarksville, TN, United States
- Hartness, Emma; Iowa City, IA, United States
- Kipp, Bryce; Concord, NC, United States
- Lazare, Diana; El Paso, TX, United States
- Link, Schuyler; Houston, TX, United States
- Molina, Lawrence; Miami, FL, United States
- Odamtey, Patience; Accra, Ghana
- Oles, Deborah; Los Angeles, CA, United States
- Padilla, Joshua; Henderson, NV, United States
- Panyarachun, Sureerat; Bangkok, Thailand
- Parsons, Garrett; Canton, OH, United States
- Patel, Shavan; Champaign, IL, United States
- Pineda, Laura; Bogotá, Colombia
- Rothrock, Sara; Costa Mesa, CA, United States
- Routsis, Abigail; Cambridge, United Kingdom
- Sharma, Vipin; Bengaluru, India
- Stewart, Ewan; West Wollongong, New South Wales, Australia
- Suh, Alexander; New Orleans, LA, United States
- Tripathy, NK; New Delhi, India
- Van Wieren, Gracia; Diemen, Netherlands
- Wilson, Steven; Centreville, VA, United States
- Wright, Andrew; Euclid, OH, United States
- Zuluaga, Adriana; Medellin, Colombia

AsMA welcomed back 5 returning members:

- Ludwig, Roger; Silverdale, WA, United States
- McBride, Jeffrey; Houston, TX, United States
- Mendelsohn, Rebecca; Hollywood, FL, United States
- Puisa, Veronika; Hitchin, United Kingdom
- Renfrew, Erica; Kirksville, MO, United States

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FAA News

Rest Periods for Flight Attendants

The U.S. Department of Transportation's Federal Aviation Administration (FAA) issued a final rule requiring that flight attendants receive longer periods of rest between shifts. The new rule increases the rest period to 10 consecutive hours. The new rule updates the previous requirement of nine consecutive hours of rest between shifts. It also fulfills the requirements of the FAA Reauthorization Act of 2018, which directed the FAA to increase the minimum rest period for flight attendants with scheduled duty of 14 hours or less and eliminate the provision that permitted rest to be reduced in certain circumstances. The FAA held two public comment periods totaling more than 105 days on the proposed rest requirement in 2019 and 2021. The agency reviewed over 1,000 comments from flight attendants, airlines and the public. Please visit <https://www.faa.gov/newsroom/biden-harris-administration-rest-periods-flight-attendants> for the complete press release.

Climate Research Grants

The U.S. Department of Transportation's Federal Aviation Administration (FAA) issued more than \$16 million in grants to 14 universities across the country for research to reduce aviation emissions and noise. The university teams are members of the Aviation Sustainability Center (ASCENT), part of the FAA's Air Transportation Center of Excellence for Alternative Jet Fuels and Environment. The FAA awarded a total of 43 grants to the university research teams. Projects focus on sustainable aviation fuel, alternative jet fuel supply chains, electrification, noise reduction, noise exposure, hydrogen propulsion, engine technology, supersonic operations, and environmental measurement. The ASCENT initiative is part of a portfolio of solutions to incentivize SAF production

through FAA grants and helps to maintain U.S. leadership in reducing aviation emissions worldwide. Please see <https://www.faa.gov/newsroom/faa-universities-pursue-critical-research-achieve-us-aviation-climate-goals> for more details.

Aviation Growth Strategy

The Certification Management Team (CMT), comprised of leaders from four civil aviation authorities, has published a strategy to develop and implement policies that streamline certification. The team includes the Federal Aviation Administration (FAA), Agência Nacional de Aviação Civil (ANAC) of Brazil, European Aviation Safety Agency (EASA), and Transport Canada Civil Aviation (TCCA). The FAA and EASA also have established a bilateral Validation Improvement Roadmap (VIR) that defines the specific bilateral initiatives. Strong partnerships are a key to consistent safety standards around the world. As leaders in the global aviation community, the CMT members are pioneering a strategy that focuses on confidence-building initiatives and risk-based validation principles to accept partner certification activities with limited or no technical involvement. This is a significant expansion of previous initiatives, which allows the authorities to maximize their reliance on the certifying authority as much as possible. Please visit <https://www.faa.gov/newsroom/international-partners-plan-aviation-growth> to read more.

MEETINGS CALENDAR

Please check the websites of meetings listed to see updates.

Calls for Papers—Ongoing: IAF's Global Networking Forum Space Conversations Series, online. Please visit <https://www.iafastro.org/events/iaf-gnf-space-conversations-series/> for more information.

HFACS Workshops: Workshops on the The Human Factors Analysis and Classification System (HFACS) are now available online as well as in-person. For more information, please visit <https://www.enrole.com/erau/jsp/course.jsp?categoryId=&courseId=HFAC> for in-person & <https://www.enrole.com/erau/jsp/course.jsp?categoryId=558570F8&courseId=OHFA> for online.

Nov. 1–3, 2022; SAFE Association 60th Annual Symposium; Mobile, AL. For more information or to register, visit <https://www.safeassociation.com/index.cfm/page/symposium-overview>.

Nov. 7–11 2022; 4th Annual International Humans in Space; University of Technology Sydney, Sydney, Australia. Please visit <https://www.ihspace.org/> for more information.

March 20-23, 2023; Preventive Medicine 2023; New Orleans, LA. For more information or to register, please visit <https://pm2023.acpm.org/>.



The Eiffel Tower (photo by Jeff Sventek).

Read Current News Online!

Visit the AsMA, Member, & Industry News to see what's new! Members: please check the Job Fair each month; new jobs are posted as we receive them.

SAVE THE DATE!

The 2023 CAMA Annual Scientific Meeting will be held Oct. 5-7, 2023 at the Double Tree Downtown Hotel, Omaha, NE, USA. Further information will be at <https://civilavmed.org/annual-meeting/> once it is available.

NEWS OF CORPORATE MEMBERS

Mayo Clinic Recognized with Upper Midwest Emmy

Mayo Clinic has been recognized for outstanding achievement by the National Academy of Television Arts & Sciences. During the Upper Midwest Emmys ceremony in mid-October, a Mayo Clinic News Network report titled “A Father’s Gift to His Son” was awarded the Upper Midwest Regional Emmy for Health/Medical – Short or Long Form Content category. The video report chronicles a man from La Crosse, WI, who donated his kidney to his young son less than 2 months before Father’s Day at Mayo Clinic in Rochester, making for a very special holiday celebration. This report was published on the Mayo Clinic News Network. A Mayo Clinic News Network story titled “Every Day is a Gift and Never Give Up” also was recognized for excellence by being nominated for an Upper Midwest Regional Emmy. The video report features Genaida Benson, a Mayo Clinic nurse in Radiology who believes music can provide hope and healing. Another Mayo Clinic News Network report, “With a Little Help from His Friends,” received a nomination for excellence. The video chronicles 3-year-old Rhett Flaten, who became the 5,000th patient to receive proton beam therapy since the Rochester Proton Beam Therapy Program began in 2015. Kevin Sullivan, a Mayo Clinic videographer, also received a nomination for outstanding photography, recognized for a compilation of videos published on the Mayo Clinic News Network: “Every Day is a Gift and Never Give up,” “With a Little Help from His Friends” and “Lost Mayo Letter.”

—Please visit <https://newsnetwork.mayoclinic.org/discussion/upper-midwest-emmys-recognize-mayo-clinic-for-story-telling-excellence/> to read more about this.

AOPA Requests Canada Accept BasicMed

In a letter sent to Acting FAA Administrator Billy Nolen and Canada’s Minister of Transport Omar Alghabra, Aircraft Owners and Pilots Association (AOPA) President Mark Baker and James Ferrier, interim president and CEO of the Canadian Owners and Pilots Association (COPA), requested that pilots from the United States be able to enter Canadian airspace while flying under BasicMed privileges. Baker and Ferrier noted that more than 75,000 pilots in the United States have qualified to fly under BasicMed in its 5 years of existence, and a 2021 FAA study did not detect a statistically significant difference in aviation safety outcomes, such as accident rates, between BasicMed pilots and pilots holding third-class medical certificates. The letter also stated that Mexico, the Bahamas, and the Dominican Republic have welcomed U.S. pilots flying under BasicMed privileges for several years. Additionally, the letter cited the positive economic impact of allowing pilots under BasicMed to fly into Canada. A similar letter was sent in 2021 by AOPA and COPA to the minister of transport, urging Canada to join the rest of the

North American continent in allowing BasicMed operations. That request was seemingly delayed due to the emphasis on addressing COVID-related issues.

—Please see <https://www.aopa.org/news-and-media/all-news/2022/october/14/aopa-copa-call-for-canadian-basicmed-acceptance> for more on this.

ALPA Elects New Officers

The Board of Directors of the Air Line Pilots Association, Int’l (ALPA), elected new national officers to lead the world’s largest pilot union for the next 4 years. The election took place during the union’s 49th biennial Board meeting. Capt. Jason Ambrosi, a Delta Air Lines pilot and current chair of the Delta Master Executive Council, was elected to serve as the union’s 12th president. Capt. Ambrosi is based in Atlanta, GA, where he flies the Boeing 757 and 767. Capt. Wendy Morse was elected the union’s first vice president. Capt. Morse is the Association’s first female national officer. She flies the Boeing 787 and is currently chair of the United local executive council in Chicago, where she has been a volunteer for decades. Capt. Tyler Hawkins was elected as ALPA’s vice president–administration/secretary. A Frontier pilot, he currently serves on ALPA’s Executive Council and flies the A320. JetBlue Capt. Wes Clapper was also elected vice president–finance/treasurer. Based in Los Angeles, Capt. Clapper flies the A320 and currently serves on the Association’s Executive Council. ALPA’s Board also elected a new roster of 10 executive vice presidents who, along with the four national officers and the ALPA Canada president, make up ALPA’s Executive Council. The Executive Council oversees fiscal and budgetary matters for the union and participates in policy decisions. The term for ALPA’s new national officers will begin on January 1, 2023.

—Please visit <https://www.alpa.org/news-and-events/newsroom/2022-10-19-national-officer-election> to read more.

KBR Continues Support of Annual Army 10-Miler

KBR announced it once again served as co-lead sponsor of the 38th Annual Army Ten-Miler and, for the first time this year, proudly served as the official sponsor of the Army Ten-Miler Shadow Run Series. This year, the signature Army Ten-Miler race returned to in-person running early October in Washington, DC. KBR has been a major sponsor of this event since 2005. The Army Ten-Miler is the third largest 10-mile race in the world, with a mission to support Army outreach, build morale and promote physical fitness. At the race, KBR’s sponsorship provided free shuttle service, hospitality tents, water, pre-packaged meal boxes, and a reunion area where family and friends connected with runners. KBR also sponsored the Hooah Tent Zone where attendees and soldiers mingled after the race. Within the zone, KBR continued

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its tradition of serving Wisconsin bratwursts and provided a photo booth to document the day. KBR's sponsorship covered the Army's Morale, Welfare and Recreation-hosted Shadow Run events at 22 sites across 4 continents, with a total of 3,500 runners. This year, KBR also donated booth space for the Army Ten-Miler Expo at the D.C. Armory to Wear Blue: Run to Remember, a 501(c)3 non-profit organization with a mission to honor the service and sacrifice of the American military through active remembrance.

—Please see <https://www.kbr.com/en/insights-news/press-release/kbr-proudly-continued-its-sponsorship-38th-annual-army-ten-miler-back> for more on this.

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Corporate News Bites

MedAire: During NBAA-BACE 2022 conference, MedAire announced the release of two new products: medical and security data which can integrate directly into a flight department's systems and the addition of Crew Check to their MedAire360 portal. MedAire also demonstrated its MedAire360 portal by letting attendees listen to in-flight calls live. For more, please visit <https://aviationweek.com/shownews/nbaa/medaire-unveils-crew-check-feature-api-medical-security-intel>.

UTMB: Two of the University of Texas Medical Branch's (UTMB's) doctors were awarded WE Summit Faculty Researcher Awards for the scholarly products, publications, and presentations their students produced. In addition, a team from UTMB participated in the Alzheimer's Association's Walk to End Alzheimer's. The announcements, with photos, can be seen at <https://www.utmb.edu/spph/about-us/news/article/news/2022/10/10/we-summit-faculty-researcher-awards> and <https://www.utmb.edu/spph/about-us/news/article/news/2022/10/12/team-bhh-participated-in-the-alzheimer-s-association-walk-to-end-alzheimer-s>.