



Ever Upward: October 2022

Call for Reviewers

Over the years we have met in person in November to review the abstracts for our annual scientific meeting. This has become a time of networking, catching up with friends and colleagues, and a very rewarding and effective way to begin the preparations for the scientific session schedule. If the pandemic taught us anything, it is that much could be accomplished remotely and the need to meet face-to-face became less important. That said, the quality of review and the ability to discuss abstracts in real time has much value. The Executive Committee and Scientific Program Committee discussed the many pros and cons of remote review and in-person reviewing at their recent meeting in New Orleans. In the end it was decided to continue with the hybrid model introduced pre-pandemic, but which really took off when we could not meet face-to-face.

We are asking that any member interested in reviewing abstracts for the annual scientific meeting register for participation on the OpenWater website. A link is provided to the registration form in the Members Section of the AsMA website. There are several key questions to be answered including whether you can review remotely or in-person, a Financial Disclosure Form to be filled out and uploaded, and a place to upload your CV.

The remote review will be done first. Then, those who are able will meet in Alexandria for the in-person review. ALL members who attend the in-person review will need to bring a laptop that can access the hotel Wi-Fi as provided and use the OpenWater system to review the abstracts. The scores will be combined in OpenWater and the decisions will be made. This is a big change from the way we have operated in the past and is designed to make sure that the remote reviews and in-person reviews are weighted equally and that we can use the full capabilities of the OpenWater System...AND save a few trees!

Our current timeline is as follows (subject to change):

- 1 Nov. 22 – Abstract submission site closes. Abstracts are prepared for review.
- 1 Nov. 22 – Last day to register for review.
- 7 Nov. 22 – Remote Review Virtual Briefing (Zoom) and Open Remote Reviewing
- 11 Nov. 22 – Remote Review Closes (5-day window)
- 17 Nov. 22 – In-Person Review at Holiday Inn Alexandria at Carlyle, Alexandria, VA
- 18 Nov. 22 – Scientific Program Committee Final Review and Scheduling

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The Aerospace Medical Association truly appreciates the dedication of its members to making our Scientific Meeting a success. One of the keys to that success is that constructive comments are provided for authors, especially those whose abstracts are deemed to be weak or unacceptable. This is meant to be a teaching experience and the quality of the reviews and comments is essential to that experience.

Details on hotel registration for the Holiday Inn Alexandria at Carlyle, Alexandria, VA, are available on the AsMA website (www.asma.org) in the Members Only section.

Please consider volunteering to review abstracts this year. **The deadline to register is November 1, 2022.**

Updated Call for Papers

Late-Breaking Requirement! CME Enduring Materials for Slide and Panel Presentations only:

CME Enduring Materials will be offered following the AsMA Annual Scientific Meeting for those who could not participate in person. The ACCME requires that anyone requesting credit for enduring materials after the meeting, listen to the presentations and answer questions based on the session. They must answer 70% correctly to receive credit.

Three (3) carefully crafted objective questions (True-False or Multiple Choice) directly related to your slide or panel abstract and presentation are now required. Please ensure you identify the correct answer to each question submitted. These questions will be used to prepare a post-test for your presentation when we build the recorded presentation into CME enduring materials. Please be sure the questions and answers are directly related to your abstract and presentation. Note that Posters and Workshops do not have this requirement.

All of this information and more can be found on the [Abstract Submission page](#) or the [Call for Papers](#) on the AsMA website. [Pam Day](#) can be contacted with any questions.

See 'CFP,' p. N65



The Piazza d'Italia behind the American Italian Cultural Center in New Orleans. Photo by Pam Day.

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

The Aerospace Medical Association's (AsMA's) 93rd Annual Scientific Meeting will be held in New Orleans, LA, May 21–25, 2023. The theme for this coming year's Annual Scientific Meeting is "Aerospace and the Next Generation." With emerging technology and new entrants into the aviation and space environment, it is now more important than ever to encourage the next generation of young people to consider entering career fields like aerospace medicine, engineers, operators, pilots, mechanics, and air traffic controllers to name a few. In addition, AsMA members will need to maintain a full awareness and, in many cases, a working knowledge of the innovations so we can better respond to needs of the aviation and space community. The future will require us to think differently as the airspace system changes. The full Call for Papers can be accessed through the [Call for Papers link](#) on the website.

Abstract submission for the 2023 meeting opened in September. It will close on November 1, 2022, with **NO exceptions** granted for late submissions. There is a 350-word/2500-character limit on abstracts, including spaces. NO tables, figures, or references should be included. Abstracts can be submitted through the link found on the [Abstract Submission page](#). Full instructions for submission and templates can also be found on this page. An important note to remember: **PLEASE** use a **PERSONAL** email address when entering abstracts for both yourself and your co-authors as institutions may block emails from the abstract submission site.

There are four types of abstracts: posters, stand-alone PowerPoint presentations which will be organized into slide sessions, invited panels, and workshops. Posters are on display for 2 full conference days, each in its assigned space, and will be electronic. There will be 20 spaces available per 90-minute period. Authors will be asked to present their poster during one of those 90-minute periods on one of the days posters are on display. PowerPoint presentations will be organized by topic area and presented during 90-minute blocks of time, 6 periods of 15 minutes each. Individual PowerPoint presentations are limited to 15 minutes, including 3 to 5 minutes for questions and discussion. Panels also have 90 minutes, ideally 5 presentations of 15 minutes each, followed by a 15-minute discussion period. Workshop presentations are by invitation, like panels, and the format is similar.

November Council and SPC Meeting

Nov. 16: Council meeting
Nov. 17: Scientific abstract peer review
Nov. 18: SPC meeting to finalize the meeting program
The Council and abstract review will be in-person.
Reviewers should register with Open Water & bring a laptop or tablet to the review.

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.

Bates Is New IAMFSP President

Col. Christopher W. Bates, B.S., M.D., is the 2022–2024 President of the International Association of Military Flight Surgeon Pilots (IAMFSP). He is currently the sole tanker Pilot-Physician for the USAF and is actively engaged in human system integration issues for the KC-46. As a KC-46 instructor-pilot he works with 22d Operations Group in the execution of KC-46 Initial Operational Test and Evaluation and training of KC-46 aircrew. Prior to this assignment Col. Bates was the Commander of the 22d Operational Medical Readiness Squadron, 22nd Medical Group, 22nd Air Refueling Wing, McConnell AFB, KS.



Col. Bates was commissioned through the U.S. Air Force Academy in 2001 and earned his Doctor of Medicine in 2005 from Uniformed Services University of the Health Sciences (USUHS). He then served an Internal Medicine internship at San Antonio Uniformed Services Health Education Consortium (SAUSHEC), San Antonio, TX, in 2006 and graduated from the Aerospace Medicine Primary Course at Brooks City-Base. He served an Emergency Medicine residency at SAUSHEC in 2011 and graduated from undergraduate pilot training at Vance AFB, Vance, OK, in 2015. He attended Air War College at Maxwell AFB, AL, by correspondence in 2021.

Col. Bates is a Pilot-Physician with over 2000 pilot flight hours in the T-6, T-1, KC-135, and KC-46. He has deployed as a pilot, flight surgeon, and critical care air transport team (CCATT) physician in support of Operation Enduring Freedom and Operation Iraqi Freedom. He is also a board certified emergency medicine physician and a Fellow of the American College of Emergency Physicians.

Newly Listed Courses and Resources for Students:

- **University of Melbourne Medical School** offers a course in [Human Health in the Space Environment](#).
- **Swinburne University** offers a [Space Technology](#) co-major including a course on [Space and Microgravity Science](#).
- The **Center for Space Medicine** offers a Space Medicine Pathway to undergraduate medical students at Baylor College of Medicine: <https://www.bcm.edu/academic-centers/space-medicine/education>.
- **John Hopkins Human Spaceflight Lab** offers a seminar series, virtual networking happy hours, and journal club for the human spaceflight community.
- The **ad astra vita project** is an online resources portal for aerospace medicine, space health, and medicine in extreme environments.

New Members

AsMA welcomes 21 new members in October.

- Acevedo, Jahn; Bayamon, Puerto Rico
- Ansingkar, Koyal; Cleveland, OH, USA
- Brown, Vincent; Baltimore, MD, USA
- Chang, Hanna; Belleville, IL, USA
- Crowe, Sierra; Hanford, CA, USA
- Edmiston, Thomas; Cambridge, MA, USA
- Edwards, Victoria; Farnborough, Hampshire, UK
- Ehlers, James; Cambridge, MA, USA
- Harris, Jeffrey; Dayton, OH, USA
- Held, Michael; Jacksonville, FL, USA
- Karki, Sabin; Terre Haute, IN, USA
- Mandava, Soumya; Stony Brook, NY, USA
- Oas, John; Delaware, OH, USA
- Saha, Suparna; Floral Park, NY, USA
- Scarpa, Julia; New York, NY, USA
- Stephanian, Brooke; Terre Haute, IN, USA
- Tanzillo, Dominic; Redwood City, CA, USA
- Toure, Abou; Dakar, Senegal
- William, Matthew; Kansas City, MO, USA
- Wiseman, Brittany; Sherwood Park, Alberta, Canada
- Zarb, Diana; Albuquerque, NM, USA

AsMA welcomes back two members:

- Jeevarathinam, Sasirajan; Vellore, TN, USA
- Marshall-Goebel, Karina; Houston, TX, USA

FAA News

Solar Project Powers Monroney Center

The FAA's largest solar project to date is coming to the Mike Monroney Aeronautical Center (the Center) in Oklahoma City. The clean electricity generated from the solar panels on FAA property will help serve the Center's power needs. The

panels are expected to produce 2,600 megawatt hours annually, the equivalent needed to power 260 average homes. The project will reduce the Center's electric bill by an estimated \$170,000–\$200,000 annually. Air traffic controllers, technical operations professionals and aviation inspectors are trained at the Center. There are many energy-related advancements currently underway at the Center. Of the FAA's 24 certified sustainable buildings, 16 are located on the Center's campus. The Center has participated in two pilot programs for electric vehicle charging stations, and local university students are currently studying ways to better track the Center's energy use and reporting. Other solar projects include a 1,600 panel solar farm adjacent to the Tucson, AZ, air traffic control tower. Please visit <https://www.faa.gov/newsroom/faas-largest-solar-project-power-mike-monroney-aeronautical-center> to read the complete release.

FAA Interactive Fact Book Released

The most up-to-date facts, data, and visualizations are now available in the new online-interactive FAA Fact Book. Data views and statistics covering air traffic, aircraft, airspace modernization, pilots and drone operators, lasers incidents, and unruly passengers are at your fingertips. A new section on sustainability has been added with information on efforts to make aviation cleaner, quieter, and more efficient. Data will continue to be added and refined, with plans for additional visualizations to be added. For example, work is already underway for an interactive map of airports, heliports and other aviation facilities. To read more about the fact book, please see <https://www.nextgov.com/analytics-data/2022/09/faq-launches-data-visualization-dashboard-better-inform-public-about-national-airspace/377143/>.

Save the Date: 4th Annual International Humans in Space

The 4th Annual International Humans in Space will take place Nov. 7–11, 2022, at the University of Technology Sydney, Sydney, Australia. This year the first two days will be in-person in Sydney and the remaining three days will be online virtual sessions. The call for proposals is open until Oct. 11, 2022. For more information, please visit <https://www.ihspace.org/>.

VAMTC22 Elevated

This tradeshow offers the newest technology and innovative products and services to the medical transport industry. The show will be held October 24–26, 2022, in Tampa, FL, USA. It offers 15 CEU credits and a variety of sessions, including a hands-on dissection lab and a mental health and wellness track. To learn more or to register, visit <https://www.eventscribe.net/2022/Elevate2022/>.

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.

Oct. 24–26 2022; VAMTC Elevated 2022; Tampa, FL, and online. For more information or to register, please visit <https://www.ascend.events/>.

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.

NEWS OF CORPORATE MEMBERS

Mayo Clinic Health System Celebrates 30 Years

Mayo Clinic Health System is celebrating the milestone of its 30-year anniversary. Mayo Clinic Health System was established in 1992 with a vision of delivering great care locally, with seamless access to Mayo Clinic in Rochester for more complex health needs. Over three decades, the health system has expanded to include physical locations in 44 communities in Iowa, Minnesota and Wisconsin, including 16 hospitals and 53 multispecialty clinics. The health system also now offers a growing menu of virtual care options, as well as a mobile health clinic that brings quality health care to patients in rural communities. Locations across the Midwest will celebrate Mayo Clinic Health System's 30th anniversary in October in conjunction with Mayo Clinic Heritage Days. In recognition of 30 years of community care provided by its dedicated staff, Mayo Clinic Health System will give back to the communities it serves through partnerships with local organizations to sponsor food drives or collect other items of need.

—Please visit <https://newsnetwork.mayoclinic.org/discussion/mayo-clinic-health-system-celebrates-30th-anniversary/> to read more.

KBR Highlights Its First Responders

Over the past few decades, KBR has earned a reputation as a reliable partner and trusted provider of mission-critical services to the U.S. government. Perhaps the most mission-critical of KBR's capabilities are its first responder services. On-site at locations throughout the world, KBR first responders conduct life-saving operations that allow the U.S. military to focus on its mission at hand. Presently, KBR has more than 250 first responder personnel at sites spread across three continents, providing firefighting and rescue operations alongside ambulance and medical services. KBR works with customers daily to promote safety, prevent crises, and prepare for emergency situations—operations that align with KBR's Zero Harm safety culture. KBR first responders supply routine services such as occupational medical exams, vaccinations, first aid, CPR training, as well as fire prevention efforts. When accidents occur, KBR's rapid response team conducts a broad range of life-saving services, from emergency dispatch and aircraft, vehicle, and structural rescue operations, to mitigating chemical spills and natural disaster recovery efforts. Some examples are preventing an active suicide attempt, saving the life of a Navy sailor who got dizzy and collapsed, responding to a motor vehicle accident, and training to respond to an active shooter situation.

—Please see <https://www.kbr.com/en/insights-news/stories/kbr-first-responders-when-saving-lives-mission> for more about this.

Want to see your company's news here?

Corporate Members get discounts. If your company is not a member, become one! Visit www.asma.org/corporations to learn more about membership benefits.

ALPA Releases Updated Pilot Data

The Air Line Pilots Association, Int'l (ALPA) has released newly updated data from the Federal Aviation Administration (FAA) that shows 9087 commercial airline pilots have been newly certificated in the last 12 months—nearly 2500 more than in all of 2019. According to the most recent figures, the United States is on track to produce more than 10,000 new pilots by the end of the year. ALPA president Capt. Joe DePete announced the new pilot-production numbers at the Association's annual Air Safety Forum. Capt. DePete commented on the unnecessary attempts by some in the airline industry to weaken or repeal pilot training or qualification requirements and said that ALPA will oppose such efforts as the data does not show a pilot shortage.

—Please visit <https://www.alpa.org/news-and-events/newsroom/2022-09-14-united-states-on-pace-produce-10000-new-pilots> to read the complete statement.

UTMB Doctor Presented with Award

At the Center for Addiction Research's Awards Ceremony on September 8, 2022, Dr. Heidi Spratt was presented with the Herin Champion of Big Data Award as part of the David V. Herin, Jr., PhD Addiction Pioneer Endowment. The Herin Addiction Pioneer Award recognizes faculty who conduct innovative substance use disorders research that adheres to the same high standards of investigation that Dr. Herin demonstrated as he worked to solve the puzzles of substance use disorders. Dr. Herin was one of UTMB's own, a graduate of the doctoral program in addiction research. Dr. Spratt was presented this endowed award in recognition of her continued work mentoring graduate students, post-doctoral fellows, and junior faculty in the realm of machine learning, especially focused on problems pertaining to substance use disorders.

—Please see <https://www.utmb.edu/spph/about-us/news/article/news/2022/09/15/dr-heidi-spratt-presented-with-herin-champion-of-big-data-award> for more.

Corporate News Bites

IFALPA: The International Federation of Air Line Pilots Associations (IFALPA) recently released two positions papers. One is on 'Operational Opportunities to Reduce the Impact of Contrails & Aircraft-Induced Cirrus' and the other is 'Long-Term Aspirational Goals for CO2 Reductions'. The papers are from IFALPA's Climate Working Group. Please visit <https://www.ifalpa.org/publications/browse?publicationType=PositionPapers> to read the papers.

AOPA: The Aircraft Owners and Pilots Association (AOPA) expressed its sadness at the loss of one of their employees, Steve Hedges, who worked as their Director of Media Relations and as the Southern Regional Manager in the Office of Government Affairs and Advocacy for 18 years, died in early September. Please see <https://www.aopa.org/news-and-media/all-news/2022/september/07/remembering-longtime-ga-advocate-steve-hedges> to read the complete obituary.