Ever Upward
November 2025

News of Members

Dwight Holland, M.D., Ph.D., FAsMA, FRAeS, FRAI, has been elected as the Secretary of the fairly new AsMA Constituent Space Surgery Association (SSA). He also won the Flying Physicians Association 2025 Tabari Award for the "best scientific/medical presentation at the Annual Meeting". He continues to serve as the Member-at-Large for the Aerospace Physiology Society, is the continuing Treasurer of the Air and Space Forces Association for Virginia, and is also the Historian/Social Chair for the Life Sciences and Biomedical Engineering Branch of AsMA.

Additionally, the band Dr. Holland leads, The Galactics and Friends Band, played for the LSBEB/UMHS-led Social Event at the Hyatt-Regency June 3rd, 2025. Some version of this band has now appeared at AsMA and in other places for 11 years since its first appearance in Orlando in May 2015. Over the years Dr. Holland has made the song selections, arrangements, sponsorships, and the like, with core members like **Dr. Michael Schmidt** contributing musically, and often to sound engineering, while original band member **Dr. Felix Porras** continues to provide expert overall support and musicianship. A new band member and keyboardist is **Dr. David Wexler**, who drove his keyboard all the way from Massachusetts to Atlanta to play his role! **Dr. George Pantalos** is the amazing percussion section Chief (and President of the Space Surgery Association), while past-President of the UHMS Dr. Marc Robins stepped up this year to play a key role as a new lead guitarist, and singer. The band thanks past AsMA President **Dr. Joe Dervay** for once again coming and singing and appreciate original Galactics member **Dr. David Powell** coming back to play the sax, and new friend of the band **Tom Hoffman** for stepping up to play some trumpet this year for us!

LSBEB President **Dr. Carol Ramsey** continues to provide well-crafted harmonies, along with LSBEB friend and logistics support staff Sally Sappenfield (a recent Executive Director of an international research organization in her own right). New female singers **Niki Nair** and **Dr. Mical Kupke** had songs to shine on, with Debbie Garland-Holland taking on the lead vocals role overall for the band. **Drs. Jeff Jones** and **Smith Johnston** provided some male vocals in special songs with flavor, with Smith playing the harp on multiple songs. He is also a very capable guitarist. **Dr. Diego Garcia** played some great jazz percussion and bass guitar on a song, while **Dr. Ari Epstein** laid down the drum beat with the full kit on multiple songs. Julian and **Caleb Schmidt** came from Colorado and North Carolina, respectively, to help with logistics and setup and take-down of the band.

Onward to the Mid-Year Meeting in Whitefish, MT, and then to Denver, CO, in May 2026.

New Members

AsMA welcomed 24 new members in the last month.

- Arthur, Jessica; Accra, Ghana
- Bobeck, Jared; Lawrenceville, GA, United States
- Bowling, Joren; Anchorage, AK, United States
- Chang, Tyler; Culver City, CA, United States
- Falkowitz, Jamie; Fort Mill, SC, United States
- Ferguson, Scott; Daytona Beach, FL, United States
- Gamberino, Ryan; Gainesville, FL, United States
- Hieber, Charlotte; Pfungstadt, Germany
- Hsueh, Justin; Fairfield, CA, United States
- Johnson, Jessica; Roanoke, VA, United States
- Kumar, Krutin; Cedar Park, TX, United States
- Marmolejo, Carlos; Springfield, IL, United States
- McBee, Grayson; Edmond, OK, United States

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Galactics and Friends 2025 Atlanta Band Members (L to R): Ari Epstein, Sally Sappenfield, Carol Ramsey, Smith Johnston, Mical Kuptke, Sound Engineer, Niki Nair, David Wexler, Marc Robins, Debbie Garland-Holland, Dwight Holland, Caleb Schmidt, Jeff Jones, Julian Schmidt, Maestro Felix Porras, George Pantalos, David Powell, and Tom Hoffman. Not pictured but present: Joe Dervay and Diego Garcia. Cropped photo courtesy of Dr. Anoop Karippot.

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- McCullins, Elara; Fairhope, AL, United States
- Meunier, Justin; New Orleans, LA, United States
- Mira, Sergio; Sabaneta, Colombia
- Murphy, Matthew; Galveston, TX, United States
- Roy, Niloy; Denver, CO, United States
- Saleh, Jamal; Perrysburg, OH, United States
- Scheidler, Samuel; Eau Claire, WI, United States
- Shreder, Eric; Mesa, AZ, United States
- Tillmans, Frauke; Durham, NC, United States
- Varvani Farahani Mirshahi, Taha; London, United Kingdom
- White, Christopher; Des Moines, IA, United States

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YouTube: https://www.youtube.com/@Aero_Med

News of Corporate Members

MD Onboard & CardioSecur Announce Collaboration

MD Onboard announced a new strategic collaboration with CardioSecur, a German-based company specializing in advanced mobile ECG technologies for aviation, healthcare, and emergency services. This collaboration brings a new dimension to aviation health services by integrating MD Onboard's real-time medical advisory platform with CardioSecur's cutting-edge cardiac monitoring technology—delivering comprehensive in-flight medical solutions for flight operators. The offering enables aircrew to transmit medical data—including real-time, clinical-grade 12-lead ECG readings directly to MD Onboard's 24/7 Command Center for immediate medical review and guidance. This innovation strengthens operational safety, supports critical in-flight medical decision-making, and improves overall health outcomes for passengers and crew alike. As the first collaborative step, MD Onboard and CardioSecur shared participation at the IATA WSOC 2025 in Xiamen, China, in mid-October.

—Please visit https://mdonboard.com/md-onboard-and-cardiosecur-announce-collaboration/ to learn more.

Mayo Clinic Recognized as a Heart Safe Business

The American Heart Association and the Minnesota Department of Health recently recognized Mayo Clinic in Rochester as a Heart Safe business. This honor reflects the commitment of Mayo's teams to prepare for cardiac emergencies, provide exceptional care and lead by example in the community. The designation program aims to save people from sudden cardiac arrest (SCA) by helping businesses assess their preparedness for cardiac emergencies and find gaps where improvements can be made. Recognition is earned by demonstrating strength in key areas such as CPR and AED training; a cardiac emergency response plan with clear, written steps to follow; AED placement; hosting education sessions, social media campaigns, and community CPR/AED events; and workforce well-being initiatives. This recognition is one of several affirmations of Mayo Clinic's highest level of care. The next goal is to pursue the Heart Safe Community designation in partnership with the City of Rochester.

—Please visit https://newsnetwork.mayoclinic.org/discussion/mayo-clinic-named-heart-safe-business/ to learn more.

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Become a Corporate Member! Visit https://www.asma.org/for-corporations/benefits-of-corporate-membership for info.

PharmaFlight Interviewed by Radio Station & Newspaper

PharmaFlight's President, Gyula Győri, associate professor, recently gave a comprehensive and interesting interview to Trend FM radio. In response to questions from editor-reporter Frigyes Varjú, he summarized PharmaFlight's training and research program, the main stages of its more than 10-year history, and then spoke in detail about PharmaFlight's PHAPA method - which also summarizes decades of research experience - which primarily serves to objectively measure the fatigue, energy level, and stress tolerance of pilots and crew participating in aviation. The method, which is supported by the International Civil Aviation Organization (ICAO), can also be applied to employees in all professional fields that are dependent on human performance. The program was broadcast on Trend FM in mid-October and on a local station in Budapest. Prof. Győri was also interviewed by an internationally recognized aviation magazine for the 100 Knots column in October and again spoke about the PHAPA method.

—Please visit https://www.pharmaflight.hu/radioban-a-pharmaflight-elozetes and https://www.pharmaflight.hu/100knots-phapa to learn more.

KBR to Deliver Clean Hydrogen Technology

The growing need for clean power and sustainable fuels globally is expected to result in an exponential rise in the demand for hydrogen as a key feedstock. To provide a cost-effective, low-carbon clean hydrogen solution, KBR will be the exclusive global licensor of Hazer's methane pyrolysis technology. This technology offers a promising pathway for clean hydrogen pro-

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duction by efficiently converting natural gas into hydrogen and solid carbon without emitting CO_2. KBR is working with Hazer to upscale the technology for commercial deployment and to enhance clean hydrogen production capacity to over 50,000 tons per annum. They are committed to helping customers transition to clean energy and this technology will assist in addressing that goal.

—Please visit https://www.kbr.com/en/insights-news/stories/meeting-growing-demand-through-methane-pyrolysis-technology to learn more.

Meetings Calendar

Ongoing: HFACS Workshops; ONLINE. 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/session.jsp;jsessionid=54E56D96DD45A05A506AB2DF53035511?sessionId=D1225-HFAC-F1&courseId=HFAC for in-person and https://www.enrole.com/erau/jsp/course.jsp?categoryId=558570F8&courseId=OHFA for online.

Ongoing: International Astronautical Federation (IAF) Global Networking Forum Space Conversations Series; ONLINE, 14:00 Paris time. Please visit https://www.iafastro.org/events/iaf-gnf-space-conversations-series/ for more info.

Nov. 4-6, 2025; SAFE Association 63rd Annual Symposium; Mobile, AL, United States. For more, visit https://www.safeassociation.com/index.cfm/page/symposium-overview.

Nov. 12-14, 2025; Conference on Advancing Health Management in Aviation: Diabetes and Cardiovascular Research Insights; Köln, Germany. For more, visit https://www.easa.europa.eu/en/newsroom-and-events/events/conference-advancing-health-management-aviation-diabetes-and.

Nov. 19-22, 2025; 71st Conference of the Japan Society of Aerospace and Environmental Medicine; Otsu City, Shiga Prefecture, Japan. For more information, visit http://jsasem.kenkyuukai.jp/event/event_detail.asp?id=72857.

Nov. 24, 2025; RAeS Aerospace Medicine Group Annual Symposium 2025; Royal Aeronautical Society Headquarters, London, UK. For more information, visit https://www.aerosociety.com/events-calendar/raes-aerospace-medicine-group-annual-symposium-2025/.

Reminders

The journal is going online only in January 2026. We have also launched a print-on-demand (POD) system for those who wish a physical journal at https://asma.directfrompublisher.com/. We are no longer renewing print or print & online subscriptions, but are honoring current subscriptions through July 2026 through the POD system. If you are one of those subscribers and have not received an email explaining how to order your issues, please contact Rachel (rtrigg@asma.org) or Stella (ssanchez@asma.org).

Corporate News Bites

UTMB: Several faculty and a graduate student have published an article advocating for the use of methods from Science and Technology Studies (STS) in the evaluation of translational science. The commentary focuses on applications of STS to evaluate the NIH-funded Clinical and Translational Science Award (CTSA) program. The article was published in the Journal of Clinical and Translational Science. *Please visit https://www.utmb.edu/spph/about-us/news/article/news/2025/10/14/dr.-molldrem-and-colleagues-publish-article-advocating-for-uses-of-science-and-technology-studies-(sts)-to-evaluate-translational-science to read more.*

AOPA: The Aircraft Owners and Pilots Association (AOPA's) former President, Mark Baker, was recognized by Flights to Freedom, a non-profit group founded to coordinate the efforts of general aviation pilots who assist human trafficking survivors to escape. Baker received the Clay Lacy Friendship Medal for his support of the group. *Please visit https://aopa.org/news-and-media/all-news/2025/october/16/ga-leaders-honored-for-fighting-human-trafficking to read more.*

ALPA: The Air Line Pilots Association, Int'l (ALPA), President issued a statement in mid-October lauding a bipartisan agreement on aviation safety legislation announced by Senators Ted Cruz and Maria Cantwell. The legislation mandates ADS-B for all commercial aircraft users, which would allow pilots to see nearby aircraft and improve situational awareness. *Please visit https://www.alpa.org/Press-Room/2025/10/Bipartisan-Air-Safety-Legislation-Would-Mitigate-Helicopter-Traffic-Risks to read more.*

IFALPA: The International Federation of Air Line Pilots' Associations (IFALPA) have published a statement supporting and thanking air traffic controllers for their dedication and professionalism. The statement recognizes that air traffic controllers are an essential part of the safe and efficient operation of aviation and ensuring the safety of passengers, crews, and aircraft. *Please visit https://www.ifalpa.org/news/statement-of-support-for-natca-and-us-air-traffic-controllers/ to read more.*

Dates Have Changed!

Our next AsMA-UHMS Annual Scientific Meeting will be in Denver, CO, May 17-21, 2026. Abstract submission is open NOW! Important dates include:

- **Jan. 4, 2026: The abstract submission site will close at 11:59 PM EST. NO exceptions - submit early!**
- **Jan. 31, 2026: Submitters will be notified of accepted or declined abstracts by 5 PM EST.**
- **Feb. 22, 2026: No more updates to accepted abstracts will be permitted after 11:59 PM EST.**
- **Feb. 23, 2026: Interactive presentations (posters) must be submitted to the UHMS by 11:59 PM EST. NO updates will be accepted after this, even on site.**

Visit https://asma-uhms-asm.org/abstracts/asma-call-for-abstracts.html for more info.