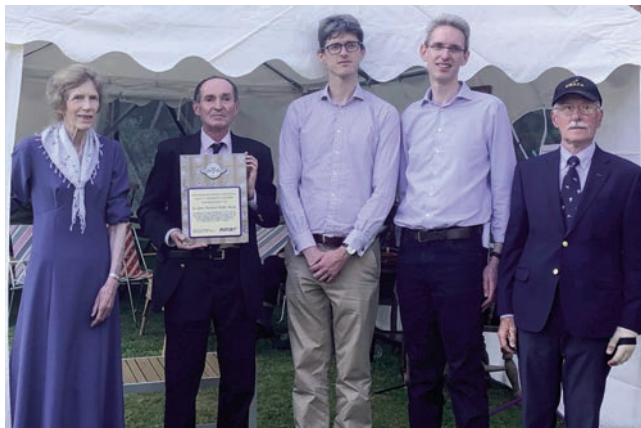




# Ever Upward: October 2021

## Gillingham Award Presented to Stott Family

Geoffrey McCarthy presented the Kent K. Gillingham Award to the Stott family in late September. The award was given to Dr. John R. Rollin Stott posthumously [the full award writeup can be found in September's newsletter: [https://www.asma.org/asma/media/AsMA/pdf-journal/pdf-news-2021/sept-2021\\_news\\_rvsd2-smaller.pdf](https://www.asma.org/asma/media/AsMA/pdf-journal/pdf-news-2021/sept-2021_news_rvsd2-smaller.pdf)].



In the photo are, left to right: Dr. Janet Hamilton (Dr. Stott's wife), Dr. John Golding (noted vestibular researcher and Dr. Stott's collaborator), Dr. Stott's sons Alastair and Gordon Hamilton, and Geoffrey McCarthy.

## New Members

AsMA welcomes 31 new members in October.

- Abayasekara, Kieran; Derby, Derbyshire, United Kingdom
- Ames, Andrew; Travis AFB, CA, United States
- Andres, David; Fallon, NV, United States
- Barbica, Cortney; Baltimore, MD, United States
- Bark, Lindley; Leonardtown, MD, United States
- Berglund, Elisabeth; Richardson, TX, United States
- Condie, Karyn; McLean, VA, United States
- Curnes, John; Corpus Christi, TX, United States
- Denise, Pierre; Caen, Normandy, France
- Fennell, Luke; Spartanburg, SC, United States
- Gala, Tejal; Los Angeles, CA, United States
- Graham, Bayleigh; Port Orange, FL, United States
- Hill, Ethan; Chuluota, FL, United States
- Hoffman, William; San Antonio, TX, United States
- Hogoboom, Douglas; Dothan, AL, United States
- Kerschmann, Russell; San Jose, CA, United States
- Llerena, Michell; Tallahassee, FL, United States
- Lynton, Richard; Folsom, CA, United States
- Macalma, Raeann; Honolulu, HI, United States
- McLaughlin, Shaun; Wilkes Barre, PA, United States
- Nolt, Clifford; Panama City, FL, United States
- Ritter, Mark; Fairfax, VA, United States
- Rowe, Ella; Daytona Beach, FL, United States

- Shiffer, Matthew; Washington, DC, United States
- Shrader, Amelia; Huntsville, AL, United States
- Sisante, Jason-Flor; Kansas City, MO, United States
- Stella, Hector; Billings, MT, United States
- Storey, Heather; Cambridgeshire, United Kingdom
- Strickland, William; Houston, TX, United States
- Studer, Jessica; Bremgarten, Aargau, Switzerland
- Vega, Gina; League City, TX, United States

AsMA welcomes back two members:

- Kwan, Nathan; Atlanta, GA, United States
- Newman, Richard; Seattle, WA, United States

## Obituary Listing: Richard F. Jones

AsMA Staff were saddened to hear of the death of Richard F. Jones, M.D., a Fellow of AsMA. A native of Michigan, he earned a B.S. in 1970 from the University of Wisconsin Madison and his M.D. from the University of Arizona in 1975. He served an internship at Wright-Patterson AFB, OH, from 1975–1976 and was awarded an M.P.H. in 1978 from the School of Public Health, University of Texas Health Sciences Center at Houston. He then served an Aerospace Medicine Residency at the U.S. Air Force School of Aerospace Medicine. From 1978-1979, he was an Adjunct Assistant Professor in Environmental Health at the School of Public Health, University of Texas Health Sciences Center. He had been a member since 1979 and was made a Fellow in 2009.

## AMHP Continues in Top 10

Ingenta have examined the data for all the titles on Ingenta Connect, and the Blue Journal ranks in the top 25 out of more than 11,000 titles for number of full-text downloads.

For the period 1-31st July, 2021:

- *Aerospace Medicine and Human Performance* ranks 8th with 2,622 downloads
- *Aviation, Space, and Environmental Medicine* ranks 22nd with 1,233 downloads

### Visit Us on Social Media!

**Twitter:** [https://twitter.com/aero\\_med](https://twitter.com/aero_med)

**FB:** [www.facebook.com/AerospaceMedicalAssociation](http://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)

### Read Current News Online!

The AsMA, Member, & Industry News are updated as we get news. Visit AsMA's website to see what's new!  
Members: check the Job Fair each month.

Send information for publication in this newsletter to: Journal Department, AsMA; [rtrigg@asma.org](mailto:rtrigg@asma.org)

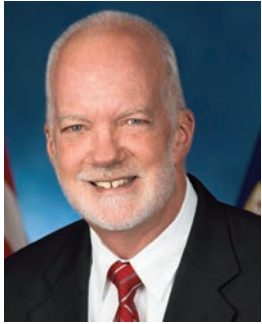
## Space Medicine Association Awards & Scholarships

The Space Medicine Association held its luncheon and business meeting on Thursday, Sept. 2, 2021, during AsMA's 91st Annual Scientific Meeting at the Sheraton Downtown Denver, Denver, CO. Award winners are pictured below.

### Lifetime Achievement Award

#### John Charles

John B. Charles, Ph.D., was honored with the Space Medicine Association's (SMA's) Lifetime Achievement Award. He is



Chief Scientist of NASA's Human Research Program. Previously he was the Human Research Program's Associate Manager for International Science and led NASA's space life sciences planning for the joint U.S./Russian 1-year mission on the International Space Station and the Twins Study. He earned his B.S. in biophysics at Ohio State University and his Ph.D.

in physiology and biophysics at the University of Kentucky. He joined Johnson Space Center in 1983 as a postdoctoral fellow and became a civil servant in 1985. He is co-developer of the Shuttle-era fluid-loading countermeasure and investigated the cardiovascular effects of spaceflight using ultrasound, re-entry data recording, and in-flight lower body negative pressure on Space Shuttle astronauts and on crewmembers of the Russian space station Mir. He coordinated all NASA-sponsored biomedical, biological, and microgravity science investigations as Mission Scientist for American astronaut missions on Mir, on STS-95, John Glenn's Shuttle flight, and on STS-107, Columbia's last mission in January 2003. He is a Fellow of the Aerospace Medical Association (AsMA) and has been a member since 1983. He is also a full member of the International Academy of Astronautics (IAA) and co-chaired the 18<sup>th</sup> IAA "Humans in Space" Symposium in 2011. His other awards include the National Space Club and Foundation Eagle Manned Mission Award, the NASA Exceptional Achievement Medal, the Joe Kerwin Award from AsMA, SMA's Hubertus Strughold Award, and the NASA Exceptional Service Medal.

### Scientific Achievement Award

#### Benjamin Levine

Benjamin D. Levine, M.D., FACC, FAHA, FACSM, received the SMA's Jeffrey P. Sutton Scientific Achievement Award. He is Professor of Medicine and Cardiology at UT Southwestern, where he holds a Distinguished Professorship in Exercise Science. As a clinical cardiologist and expert in space physiology, Ben has been a valuable resource to NASA in evaluating and managing cardiovascular problems in astronauts. He has also mentored countless students and has held substantial scientific leadership roles, serving as a project manager for Neurolab, Team Leader for NSBRI, and member of the National Academy of Sciences Decadal Survey. As a young physician-scientist, he placed the first invasive central venous pressure catheters in astronauts, demonstrating the remarkable finding that central venous pressure decreases rather than increases in space, as had been previously thought. Ben defined the concept of cardiac atrophy as it applies to bedrest and spaceflight, and he identified specific interventions to prevent it. He led an ambitious series of experi-

ments in the Shuttle era, showing that sympathetic nerve activity is increased rather than decreased in space. His findings refocused the scientific community away from abnormal cardiovascular reflexes as the cause of spaceflight induced orthostatic intolerance, and towards the mechanisms of reduced stroke volume. Importantly, Ben and his team showed for the first time in long-duration spaceflight that adequate exercise aboard the ISS could prevent cardiac atrophy and orthostatic intolerance. He has many other scientific accomplishments to his name, including pivotal findings regarding invasive measurements of intracranial pressure in volunteers during parabolic flight, and his contributions to understanding spaceflight associated neuro-ocular syndrome and potential countermeasures.

### President's Award

#### Richard Jennings

Richard T. Jennings, M.D., was given the SMA President's Award. He is a nonresident fellow in the Baker Institute Space Policy Program and a clinical professor in space medicine at The University of Texas Medical Branch (UTMB). He also serves as a flight surgeon for Space Adventures. He worked as a NASA flight surgeon from 1987 to 1995 and was chief of the Flight Medicine Clinic and chief of medical operations for the space shuttle. He served as crew surgeon or deputy crew surgeon for 14 shuttle missions and provided direct mission support for 45 shuttle flights. He also provided medical care in flight medicine at Johnson Space Center for 25 years. In 1995, he joined the faculty at UTMB and served as director for its aerospace medicine residency program. At UTMB, he supervised the physicians that support NASA in operations and advanced projects at the Johnson Space Center and the Gagarin Cosmonaut Training Center. As lead flight surgeon for Space Adventures, he has

*See 'Jennings,' p. N56*



**Scientific Achievement:** Dr. Levine, center, accepts the award from Jeffrey Sutton, the award sponsor on the left, and Judith Hayes, Past President of SMA (2019-2020) on the right.



From 'Jennings,' p. N55

supported five Soyuz missions to the International Space Station. Jennings is a member of the Safety Advisory Panel for SpaceX and he serves as a medical consultant for Virgin Galactic. He is a previous president of the Aerospace Medical Association and currently serves on the board of the Aerospace Medical Association Foundation. Jennings is a graduate of Oklahoma State University, the Oklahoma University College of Medicine, and Wright State University.



**President's Award:** Richard Jennings, right, accepts the award from Charles Mathers, Past President of SMA (2020-2021).

### 2021 SMA Undergraduate Scholarship Sierra Anderson

Sponsored by Dr. Joseph Dervay

Ms. Anderson recently obtained her Bachelor of Science degree in Aerospace Physiology at Embry Riddle Aeronautical University in Daytona Beach, FL.



**Undergraduate Scholarship:** Sierra Anderson accepts the award from Judith Hayes, Past President of SMA (2019-2020) on the left, and Joseph Dervay, the award sponsor, on the right.

### Constituents - Send Us Your News!

Send us photos and brief bios of your award winners for inclusion in future newsletters. News items can be sent to [rtrigg@asma.org](mailto:rtrigg@asma.org) or [pday@asma.org](mailto:pday@asma.org).

### 2020 SMA Medical & Graduate Education Scholarship Katie Harris

Sponsored by Dr. Jeffrey Davis

Katie Harris is a third-year medical student and aspiring flight surgeon at the Memorial University of Newfoundland, Canada. She obtained a degree in Astrophysics at the University of Toronto, and continued her studies at the International Space University where she completed her individual thesis work with the European Astronaut Centre and her internship with the Neural Systems Group at Harvard Medical School/Massachusetts General Hospital.

### 2021 SMA Medical and Graduate Education Scholarship Ami Mange

Sponsored by Dr. Jeffrey Davis

Ami obtained a Bachelor of Science degree in Neuroscience with a Minor in Space Science and Engineering from Johns Hopkins University and is currently enrolled in an MD program at Yale School of Medicine. As an undergraduate, Ami served as a research assistant at UPenn Perelman School of Medicine where she assisted on two NASA-funded studies, one investigating the effects of stress, isolation, and confinement during simulated spaceflight on physiology, emotional health, and cognitive function, and the other investigating the effects of auditory stimulation during simulated spaceflight on slow-wave sleep and cognitive function.



**Medical & Graduate Education:** Ami Mange, right, accepts the award from Judith Hayes, Past President of SMA (2019-2020).

### 2020 SMA Resident & Post-Doctorate Scholarship Craig Nowadly

Sponsored by KBR in honor of Robert Ellis

Dr. Nowadly completed his medical degree at Georgetown University School of Medicine. He is currently an Emergency Medicine Resident in Washington, D.C., and already has multiple publications, including the toxicity of hydrazine propellant exposure, a case of high-altitude pulmonary edema at South Pole Station, and a systematic review of resuscitation and evacuation from low Earth orbit.

**Please note: Photos were unavailable for a few of the winners who were unable to attend the meeting.**

**'SMA Scholarships' are continued on p. N57**

### 2021 SMA Resident & Post-Doctorate Scholarship Ari Epstein

Sponsored by KBR in honor of Robert Ellis

Dr. Epstein completed a Bachelor of Arts degree in History with Honors and a minor in Biological Sciences from the University of Chicago. He next completed a DO program at Chicago College of Osteopathic Medicine, Midwestern University. He is currently enrolled in a Family Medicine Residency Program at McGaw Medical Center of Northwestern University. He participated in the Aerospace Medicine Clerkship at NASA Johnson Space Center where he drafted a White Paper for the Space Medical Operations Division pilot effort to optimize a medical kit for the Orion Exploration-Mission 2. Dr. Epstein is active in both AsMA and AMSRO and currently serves as President of AMSRO.



**Resident & Post Doctorate:** Ari Epstein, right, accepts the award from Judith Hayes, Past President of SMA (2019-2020; center) and Lynn Pickett, representing KBR, the award sponsor, on the left.

### 2020 SMA International Scholarship Michael Green

Michael completed his residency last year and is currently practicing emergency medicine in Vancouver while working part-time in the ICU in Surrey, BC. During residency he completed the UTMB Short Course, Flight surgeon training with the Canadian Forces, an elective with the FAA at CAMI in Oklahoma, worked as a visiting researcher and then consultant for the Space Medicine Team at ESA, and served as the AMSRO parliamentarian/historian for several years. He holds a Diploma in Aviation Medicine from the Royal College of Physicians of London. He is also a licensed professional engineer with experience in spacecraft systems.

### New AMSRO Associate Membership

AMSRO has introduced a new Associate Membership option! Associate Membership is for those who are past their students and resident days, but would like to stay in the loop on AMSRO activities and opportunities. Associate Membership dues are \$10 a year, and sign up can be found at <https://www.amsro.org/membership>.



**Resident & Post Doctorate:** Michael Green, right, accepts the award from Judith Hayes, Past President of SMA (2019-2020), on the left.

### 2020 SMA International Scholarship Nina Purvis

Dr. Nina Purvis is a final year graduate-entry medical student at Barts and The London School of Medicine in London, U.K.



She holds an integrated bachelor's and master's degree in Astrophysics, a PhD in Physics, a Postgraduate Certificate in Research and Teaching in Higher Education, has completed a post-doctoral fellowship in Oncological Imaging in New York City, and more recently attained a Master of Science in Space Physiology from King's College London.

### 2021 SMA International Scholarship Ahmed Baraka



Ahmed is a clinical pharmacologist at Ahmed Abdelaziz Hospital in Alexandria, Egypt. He is the Founder of the Egyptian Aerospace Medicine Association and Founder of the first regional chapter of the Aerospace Medicine Student and Resident Organization (AMSRO) at Alexandria University, Egypt.

See 'SMA Awards,' p. N58

### Future AsMA Annual Scientific Meetings

May 22–26, 2022; Peppermill Resort Hotel, Reno, NV  
May 21–25, 2023; Sheraton New Orleans Hotel, LA  
May 5–9, 2024; Hyatt Regency Chicago, Chicago, IL  
June 1–6, 2025; Hyatt Regency Atlanta, Atlanta, GA  
May 17–21, 2026; Sheraton Denver Downtown, CO



### Space Medicine Association Past Presidents' Awards



**Past President, 2019-2020:** Judith Hayes, left, President of SMA from 2019-2020, accepts the Past President award in appreciation of her service from Charles Mathers, right, who was President from 2020-2021.



**Past President, 2020-2021:** Charles Mathers, right, President of SMA from 2020-2021, accepts the Past President award in appreciation of his service from Casey Pruet, current President of SMA, left.

### Space Medicine Association Jeffrey Myers Young Investigators Award

The Space Medicine Association (SMA) Jeff Myers (JM) Young Investigators Award (YIA) is a competition intended for those making their first major efforts into Aerospace Medicine Research. To compete for this award, contestants must be making their first presentation of a scientific paper or poster at an AsMA meeting (excluding cases presented at Grand Rounds as a student resident) as well as be competing for the award the first time; they must appear as first author on the paper; and they must prepare and submit a manuscript for judging. The potential applicability of the findings to Space Medicine and the degree of involvement of the student in the project are major considerations. I would like to thank the members of the YIA committee: John Darwood, Lloyd Tripp, Cathy Dibiase, Pat McGinnis, Jeff Jones, and Steve Guyton.

The finalists in this year's competition, selected from 153 potential contestants, are richly talented and diversified (listed later in this article).

The winner of the 2021 SMA JM YIA is Kapil Ojha, M.B.-B.S., M.Sc., D.Av.Med. His paper is entitled "Factors Affecting Medical Incidents On-Board Commercial Aircraft, Including The Use of Inflight Telemetry/Cardiac Monitoring Devices". This work is becoming more important to us as we progress in the commercialization of space travel to allow more individuals to experience spaceflight, eventually having passengers more similar to those routinely flying on airliners today. Dr. Ojha completed this work as part of his residency at the King's College of London in the United Kingdom, where he was mentored by previous YIA winner (2011) Squadron Leader Bonnie Posselt.

The first runner up is Marion Venus, Ph.D., a recent Ph.D. graduate from the University of Bern, Switzerland. Her paper

See 'YIA,' p. N59



**SMA JM YIA Winner:** Bonnie Posselt, center, accepts the award for Kapil Ojha, who was unable to attend. Jeff Myers, the sponsor, left, and Charles Mathers, 2020-2021 SMA President, right, presented the award.



**SMA JM YIA Finalists:** The finalists for the SMA JM YIA Award who were able to attend pose together.

is titled "How Professional Pilots Perceive Interactions of Working Conditions, Rosters, Stress, Sleep Problems, Fatigue and Mental Health". These are important considerations in all pilots, astronauts, and passengers. The second runner up is Mohsyn 'Mo' Malik, B.Sc., a medical student from Western University School of Medicine in Ontario, Canada, mentored by former YIA winner Adam Sirek (2013), who in turn had been mentored by former YIA winner Kat Garcia (2010) from Johnson Space Center in Houston. His paper is titled "Immersive Reality Use in Medical Education with Implications for Remote and Space Medicine Training". Honorable Mention went to Semran Thamer, B.S., a third-year medical student at the Dartmouth Geisel School of Medicine and Space Medicine Innovations Laboratory, for his paper titled "First Void Urinary Calcium for Tracking Bone Loss and Kidney Stone Risk in Space".

Additional Finalists include: Lt. Cdr. James 'Magic Hands' Walsh, D.O., a Navy Flight Surgeon employing osteopathic manipulative therapy in Jacksonville, FL; Capt. Jason David, M.D., an Emergency Medicine resident at Nelis AFB, NV, in collaboration with NASA Johnson Space Center and KBR in Houston; and Lt. Col. Mark Dudley, D.O., M.P.H., a USAF RAM at Wright-Patterson AFB, OH.

Although the COVID-19 pandemic has continued with challenges during 2021, the Young Investigators of 2021 demonstrated remarkable resilience, embracing new techniques for learning and problem solving while laying the foundation for the legacy of a truly amazing new generation of Aerospace Medicine scientists. Undaunted, they will surely make their mark toward the challenges of space exploration. Remember, if you want to do more than just exist, you must have a dream. Dream well and make a difference.

K. Jeffrey Myers, M.D.

## MEETINGS CALENDAR

Please check meeting websites for changes.

**HFACS Workshops;** Workshops on The Human Factors Analysis and Classification System (HFACS), online and in-person. For more info, visit <https://www.enrole.com/erau/jsp/course.jsp?categoryId=&courseId=HFAC> for in-person and <https://www.enrole.com/erau/jsp/course.jsp?categoryId=558570F8&courseId=OHFA> for online.

**Oct. 25-27, 2021;** 4th International Conference & Expo on Aerospace and Aeronautical Engineering; Valencia, Spain. For more, please visit [www.scientificfederation.com/aerospace-aeronautical-engineering/](http://www.scientificfederation.com/aerospace-aeronautical-engineering/).

**Oct. 25-29, 2021;** International Astronautical Congress (IAC) 2021; Dubai, United Arab Emirates. For more info, visit <https://www.iafastro.org/events/iac/iac-2021/>.

**Nov. 15, 2021;** Systems Medicine for Spaceflight; Baltimore, MD. This first mini-symposia will feature Drs. Jennifer Fogarty, Erik Antonsen, and Kris Lehnhardt. For more info, please visit <https://cgpo.jhu.edu/human-spaceflight-special-interest-group-2/>.

## SAVE THE DATE: GLOC 2022

**#GLOC2022;** 31 May–2 June 2022; Oslo, Norway. GLOC 2022 will address topics in relation to space and climate change. For more, visit [www.iafastro.org](http://www.iafastro.org).

## IAF GNF Space Conversations Series

The International Astronautical Federation (IAF) GNF Space Conversations Series is a free-of-charge, live webinar series that touches upon recent developments in space, organized by the IAF Global Networking Forum (IAF GNF). For more, please visit <https://www.iafastro.org/events/iaf-gnf-space-conversations-series/>.

## NEWS OF CORPORATE MEMBERS

### Mayo Clinic Leads Biorepository on Long-Term COVID-19

Mayo Clinic research is dedicated to finding solutions for patients who were infected with [COVID-19](#) and the many affected by the long-term symptoms of COVID-19---what the National Institutes of Health (NIH) refers to as "long COVID" or post-acute sequelae. As part of NIH's REsearching COVID to Enhance Recovery (RECOVER) Initiative, the NIH awarded \$40 million to Mayo Clinic to develop a comprehensive biorepository as the source of clinical samples for long COVID research studies. A biorepository is a central resource of biospecimen collections to facilitate personalized medicine research. The initiative is a national effort to bring together scientists, clinicians, patients and caregivers to take on the long-term effects of COVID-19. Mayo Clinic and its biorepository core joins New York University and its clinical science core, and Massachusetts General Hospital and its data resource core, as the three initiative cores that will provide the study's infrastructure and organizational framework. Together, these cores will build and support the initiative, as well as its participant pool and a team of investigators. In addition, Mayo Clinic has received an award for the Post-Acute Sequelae of SARS-CoV-2 Clinic Studies Recovery Network:

Clinical Studies Component for Autopsy-Based Studies, also known as PASCnet. This initiative will be led by R. Ross Reichard, M.D., a Mayo Clinic anatomical pathologist, and Mayo Clinic's COVID-19 Task Force. The Center for Clinical and Translational Science will oversee the research efforts. This work will be in addition to the ongoing clinical and research programs.

— Visit <https://newsnetwork.mayoclinic.org/discussion/mayo-clinic-leads-biorepository-core-for-new-nationwide-research-on-long-term-symptoms-of-covid-19/> to read more.

### AOPA Releases Weather Survey Results

The Aircraft Owners and Pilots Association (AOPA) released the results of its annual survey of how pilots use aviation weather resources, noting new insights, trends, and some challenges in modernizing weather-information dissemination against a backdrop of rapidly evolving technology that is driving user behavior. Among the top trends noted in the 2021 Weather Survey was confirmation of the steady reduction in the role of flight service specialists in providing pre-flight weather briefings as pilots shift to briefing themselves using online and mobile resources. However, a human voice

See 'Corporate News,' p. N60



From 'Corporate News,' p. N59

on the line is sometimes just what the doctor ordered: when pilots do call flight service, it is frequently because they are seeking a professional's help extracting key elements of weather data—something an app can't provide. Thanks to survey respondent feedback, the app Windy.com, appearing in previous surveys "as a write-in response," was added to the 2021 survey as a response option. Other digital weather products, along with offerings in development but already available for pilot evaluation, show promise. AOPA also recommended that the success of the FAA Weather Camera Program, a much relied-on prior-to-flight briefing tool in Alaska, makes the case for expanding the program in Alaska and in the lower 48 states. Research funding should be increased "to make it a 24-hour source of information, as opposed to a daylight-only system." AOPA has conducted the annual weather surveys since 2017. Data for the 2021 report was based on responses from 2,409 pilots in the continental United States, 148 pilots in Alaska, and seven in Hawaii.

—Please see <https://www.aopa.org/news-and-media/all-news/2021/september/16/aopa-releases-findings-of-annual-weather-survey-for-the-complete-summary-of-the-survey-results>.

### ALPA Contributes to Non-Profits Honoring 9-11 Pilots

The Air Line Pilots Association, Int'l. (ALPA), recently announced contributions to four non-profit organizations that honor the legacy of the four ALPA pilots who were among those who lost their lives in the September 11, 2001 attacks. Capt. Jason Dahl and F/O LeRoy Homer, Jr., were piloting United Flight 93 and Capt. Victor Saracini, and F/O Michael Horrocks were piloting United Flight 175. ALPA contributed to scholarships provided by the Captain Jason Dahl Scholarship Fund, the LeRoy W. Homer, Jr., Foundation, and the West Chester University Foundation (honoring Michael Horrocks). Another contribution honoring Victor Saracini was made to the 9-11 Memorial Garden of Reflection.

—Please visit <http://www.alpa.org/news-and-events/news-room/page-assets/press-releases/2021/2021-08-27-alpa-contributes-200k-organizations-honoring-911-pilots> to read the complete release.

### NIOSH Announces New Centers of Excellence

The National Institute for Occupational Safety and Health (NIOSH) has funded 10 Centers of Excellence for Total Worker Health. Four new Centers of Excellence in California, Maryland, North Carolina, and Utah will join six existing Centers in Colorado, Connecticut, Illinois, Iowa, Massachusetts, and Oregon. The Centers of Excellence represent the extramural portfolio of Total Worker Health (TWH) research funded by NIOSH to further its mission of protecting and advancing the safety, health, and well-being of the diverse population of workers in our nation. NIOSH defines Total Worker Health (TWH) as policies, programs, and practices that integrate protection from work-related safety and health hazards with promotion of injury and illness prevention efforts to advance worker well-being. The Centers are hubs for TWH-related research and practice that build the scientific evidence base necessary to develop new solutions

for complex occupational safety and health problems. NIOSH established the Centers of Excellence for TWH in 2005 via a cooperative agreement. The Centers use multidisciplinary research projects, including intervention-focused research, outreach and education, and evaluation activities to improve our understanding of which solutions work and to put them into action in workplaces across the country. The addition of four new Centers recognizes the growing need to focus on protecting and promoting the safety, health, and well-being of our nation's workforce.

—Please see <https://www.cdc.gov/niosh/updates/upd-09-16-21.html> for more.

### KBR Team Participates in Project:Hack 10

Three members of KBR's Advisory Consulting team recently spent a weekend taking on Project:Hack 10, a hackathon-style event bringing together analysts, engineers, and industry professionals to solve real world data challenges. Paul Church, Ted Stephenson, and Tom Vick have been developing their skills in software programming, app development, automation, and data science by participating in a "Project Data Analyst Academy". The course finale, Project:Hack 10, put these skills to the test with a 32-hour Hackathon. Paul, Ted, and Tom teamed up with other participants to take on the "article web scraping tool for opportunity monitoring" challenge. The team developed a tool that automatically scrapes information from a pre-defined list of client websites. The data was processed into summaries through the natural language processing model, GPT-3. Once a list of email recipients and their topics of interest have been identified, Microsoft Power Automate is used to automatically send out weekly "Opportunity Update" emails. Each recipient receives a list of customized article summaries covering any publications released in the previous week that are relevant to their chosen topics. From there, the recipients can choose to follow a link to read more about a particularly interesting article, or alternatively, alter their tailored keywords to tweak the blend of information that is being emailed to them.

—Please visit <https://www.kbr.com/en/insights-events/stories/kbr-graduates-code-their-way-finish-line-project-hack10> to read more about this.

See 'Corporate News,' p. N61

### Corporate News Bites

**Serco Asia Pacific:** Serco joined more than 645 organizations and community groups to bring awareness to mental health on World Suicide Prevention Day through the Blue Tree Project. Using blue trees as a visual reminder to check in on friends and family, the project aims to start difficult conversations about depression and anxiety. Clarence Correctional Centre General Manager Glen Scholes said through spreading the message that "it's OK to not be OK", Serco hopes to help break the stigma attached to mental health in a correctional environment. Please visit <https://www.serco.com/aspac/news/media-releases/2021/serco-helps-grow-awareness-of-mental-health-inside-nsw-correctional-centres> to read the complete press release.

## MedAire Signs Agreement with CRS Yachts

MedAire and CRS Yachts, insurance provider, announced the signing of a Direct Billing Agreement (DBA) to facilitate the process for crew and guests to receive shoreside medical treatment. The DBA allows MedAire to invoice CRS Yachts for covered services, instead of invoicing customers directly, reducing administration and providing a full integrated experience. MedAire recently revealed that when customers call into their assistance service, three out of four calls are resolved onboard, without incurring any additional costs. On the occasion that further shoreside treatment is required, MedAire can refer customers to one of their approved and validated medical providers, which may incur additional costs that require their insurer's approval. By setting up a DBA between the two companies, MedAire can now manage the case from the initial call made by the client and liaise directly with CRS Yachts in the Verification of Benefits process.

—Please see <https://www.medaire.com/about/news-centre/press-release-detail/2021/09/22/crs-yachts-dba> for more about this.

## FAA AME Seminars

|                   |                   |           |
|-------------------|-------------------|-----------|
| Oct. 18–22, 2021  | Oklahoma City, OK | Basic     |
| Nov. 19–21, 2021  | Albuquerque, NM   | Refresher |
| Jan. 28–30, 2022  | Raleigh, NC       | Refresher |
| March 21–25, 2022 | Oklahoma City, OK | Basic     |
| May 22–26, 2022   | Reno, NV          | AsMA      |
| July 18–22, 2022  | Oklahoma City, OK | Basic     |

Please check the [FAA website](#) for more information.

**PLEASE NOTE:** AsMA only takes registrations for the seminar held during our annual meeting.

## Want to see your company's news here?

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