

Welcome Stella, the Blue Journal's New Editorial Assistant

With Pam Day's retirement and Rachel Trigg becoming the Managing Editor, a new assistant was needed. Stella Reneke (pronounced ruh-NEEK) was hired at the end of 2022 and started in mid-January 2023. AsMA welcomes our new Editorial Assistant for *Aerospace Medicine and Human Performance*. Here is her introduction in her own words.

Hi everyone,

It is good to be here! I am excited to get to know all of you, so let me begin by offering a bit of background about myself.



I have Bachelor of Arts degrees in both Journalism (specializing in Photo/Video) and Philosophy, plus a minor in Cognitive Science, from the University of North Carolina at Chapel Hill. During my studies, I worked as a columnist and photographer for *The Daily Tar Heel* and volunteered as an Adult GED and ESOL tutor with the Orange Literacy Council. I also became an active member of the Carolina Neuroscience

Club and was recruited for a multidisciplinary research colloquium created by the Department of Psychology and Neuroscience. Simultaneously, I spent 3 years as a copyeditor for the Department of Allied Health Sciences. I even enjoyed a summer studying Nonprofit Management in India through the University of Florida and started the following summer as a Communications Intern for a child welfare nonprofit, both of which reaffirmed my passion for serving others through the dissemination of information.

After graduation, I returned to my hometown of Gainesville, FL, and dabbled in library work. I also volunteered as the Director of Communications for a budding legal empowerment nonprofit, helping them develop and standardize a mission statement, values, and other company rhetoric. Then in the summer of 2020, I moved to Pensacola, FL, and began teaching English Language Arts at a Title I public middle school. I taught there until I earned this position and made the move up to Alexandria, Virginia.

Currently, I am pursuing a Publishing Master of Professional Studies degree from George Washington University. On a more personal note, I am also (very) excited to announce that after April of this year, you will have to re-learn my name. I am marrying my fiancé, Adam Sanchez, shortly before our Annual Scientific Meeting this spring, so please forgive me if I stumble a bit when we meet in person. I will still be getting used to introducing myself as Stella "Sanchez!"

After my first week as your new Editorial Assistant, I can only say that I am sincerely grateful to have joined such a wonderful team of people, whose kindness has already made me feel at home. I look forward to spending the next big chapter of my life with the Aerospace Medical Association and continuing to grow alongside all of you, both personally and professionally.

Warmest wishes,
Stella Reneke

Ever Upward

For the latest, please read our newsletter online:
<http://www.asma.org/news-events/asma-news-archive/newsletters>.

Winners of the 2022 AsMA Fellows Scholarship

The AsMA Fellows Scholarship Committee is pleased to announce their selection of the 2022 scholarship winners. The 1st Place Winner was Bonnie Posselt for her presentation and published manuscript on "Human Performance Using Stereo Symbology in a Helmet Mounted Display & Association with Individual Stereoacuity." The 2nd Place Winner was Thomas Abitante for his presentation and



Bonnie Posselt

manuscript on "Peak Hip Reaction Forces During Neuromuscular Electrical Stimulation of the Thigh Muscles".

The AsMA Fellows Scholarship is funded by the AsMA Foundation and is presented annually to two AsMA members who are students in an aerospace medicine residency program, graduate program in aerospace medicine (Master or Ph.D.), medical certificate or aerospace diploma course, or in a full time education/training program in the allied fields of nursing, physiology, human factors, psychology, ergonomics, and engineering. Selection criteria include delivering a slide or poster presentation as a first author at the AsMA Annual Scientific Meeting and then submitting a manuscript as first author for publication in AsMA's *Aerospace Medicine and Human Performance* (AMHP) Journal based on the same topic and/or material covered in the slide or poster presentation. The 1st and 2nd Place Winners are selected by



Thomas Abitante

the AsMA Fellows Scholarship Committee based on the highest scientific value, originality, quality and relevance of the applicant's presentation and AMHP manuscript related to the field of aerospace medicine (including allied scientific disciplines). Special consideration is given to those applicants who are at an early stage in their career development. The scholarship monetary awards are used for the purpose of underwriting, in whole or in part, the cost of registration fees, transportation, hotel accommodations, or any other valid fees or expenses incurred by the winners in relation to their attendance at one or more scholarly meetings on topics related to aerospace medicine.

Twelve candidates delivered presentations at the 2022 AsMA meeting in Reno, Nevada (first eligibility requirement). Six candidates submitted manuscripts that were approved for publication in the AMHP journal (second eligibility requirement). These six candidates were considered the final eligible candidates for the 2022 scholarship.

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Member News

Serena Aunon-Chancellor, M.D., M.P.H., Associate Fellow of the Aerospace Medical Association (AsMA), and Aerospace Medicine Residency Program Director for the University of Texas Medical Branch (UTMB), was recently featured on an NEJM podcast. The January 3rd edition of NEJM's Resident 360 Curbside Consultants podcast welcomed her and **Dr. Michael Barratt**, a Fellow of AsMA, to discuss aerospace medicine, space tourism, space constraints, and more. To listen, please visit <https://resident360.nejm.org/curbside-consults/space-medicine-with-drs-serena-aunon-chancellor-and-michael-barratt>.

FAA News

De-Icing Pads at Memphis International Airport

Federal, state, local and business leaders marked the completion of 3.3 million-square-foot de-icing pads at Memphis International Airport, home to FedEx's largest air cargo sorting facility. The pads are large enough to de-ice 12 wide-body cargo aircraft simultaneously, which will help get goods where they need to go quicker and more efficiently this holiday season. The FAA invested \$174 million to help make this project a reality. With these innovative de-icing pads at Memphis International Airport, message boards eliminate the need for audio communication with pilots, taxiway lead-in lights eliminate the need for follow-me vehicles or marshallers, and infrared cameras help position airplanes in the de-icing bays. These pads offer more environmentally friendly de-icing procedures with wider safety margins. De-icing planes at a central pad instead of the gate allows an aircraft to depart sooner, reducing the need to de-ice an aircraft again. The new pads have a segregated drainage system and large-volume containers to collect de-icing fluid. The fluid's release is metered into the sanitary sewer system, where it breaks down and helps sanitize city wastewater. The complete press release about this can be found at <https://www.faa.gov/newsroom/new-de-icing-pads-will-keep-packages-moving-key-cargo-airport-holiday-season>.

Use of Program to Detect, Mitigate Risks Early

The U.S. Department of Transportation's Federal Aviation Administration (FAA) proposed a rule that requires charter, commuter and air tour operators, and aircraft manufacturers to implement a critical safety approach that has helped create the safest era in aviation

history. The program, Safety Management System (SMS), is a set of policies and procedures where companies identify, monitor, and address potential operational hazards early on, before they become serious problems. The rule would support the FAA's preventive approach that detects and corrects potential safety issues before they result in accidents or incidents. The FAA has strongly encouraged aviation industry members other than scheduled airlines to voluntarily implement SMS. The proposed rule goes beyond the requirements of the Aircraft Certification, Safety and Accountability Act of 2020, which directed the FAA to mandate SMS only for aircraft manufacturers. The rule also addresses recommendations from the National Transportation Safety Board and independent review panels. Compliance times would vary between one and two years after the rule took effect, depending on the operation. For the full press release, visit <https://www.faa.gov/newsroom/faq-proposes-rule-mandating-use-program-detect-mitigate-risks-early>.

Jet Companion Becomes a Corporate Member

Jet Companion is a Canadian company that offers medical personnel to travel on a plane with those who need extra care during the trip. Their founder was a flight paramedic who served on-board air ambulances and commercial flights and heard the stories of those who wanted to travel but were frustrated at having to depend on someone else. This became a dedication to assisting people to be able to travel regardless of age or illness. The company now has a mix of nurses, paramedics, and doctors who can serve as travel companions. They also offer an air ambulance service that can handle a variety of medical transport requests as well as a child travel program, repatriation assistance, and other similar services.

—For more information on Jet Companion, please visit their website at <https://www.jet-companion.com/>.

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. For more info, please visit <https://www.iafastro.org/events/iaf-gnf-space-conversations-series/>.

HFACS Workshops: Workshops on the The Human Factors Analysis and Classification System (HFACS) are available online and in-person. For more info, 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.

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

Future AsMA Annual Meetings

May 21 – 25, 2023
Sheraton New Orleans Hotel, New Orleans, 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, Denver, CO

Authors!

The cost of color printing has dropped significantly. It is now only \$60/figure! Please consider printing your figures in color in your next submission.

Upcoming FAA AME Seminars

Dates	Location	Seminar Type
March 20-24, 2023	Oklahoma City, OK	Basic
May 23-26, 2023	New Orleans, LA	AsMA
June 12-16, 2023	Oklahoma City, OK	Basic

For more, visit: http://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/seminar_schedule/.