



# Ever Upward: June 2020

## De Voll Is President-Elect of AsMA

James De Voll, M.D., M.P.H., is the President-Elect of the Aerospace Medical Association. The election was held online due to the postponement of the Annual Meeting.



Dr. De Voll is currently Manager of Medical Appeals, in the Medical Specialties Division of the FAA Office of Aerospace Medicine. Raised in Southern California, he graduated summa cum laude from Tulane University in New Orleans, LA, in 1977. He was commissioned as an Ensign in the Navy in 1978 after selection for the Armed Forces Health Professions Scholarship Program. The Emory University

School of Medicine in Atlanta, GA, awarded him a Doctor of Medicine degree in 1981. After graduation and promotion to Lieutenant, he interned in Internal Medicine at the Naval Hospital, Portsmouth, VA. He attended the Naval Aerospace Medical Institute in Pensacola, FL, and was designated a Naval Flight Surgeon in 1982.

In 1983, Dr. De Voll was assigned to support deploying Marine Corps helicopter squadrons at Marine Air Group 26 at MCAS(H) New River, Jacksonville, NC, and was assigned as Flight Surgeon for HMM-261. He participated in Operation Urgent Fury in Grenada and was part of the multi-national peacekeeping force in Beirut, Lebanon. Following a tour at Naval Medical Center in Portsmouth, VA, from July 1986 through April 1989 that included additional training in musculoskeletal medicine, he reported to the 6th Marine Expeditionary Brigade at Camp Lejeune, NC. He next served as the Assistant Force Surgeon for II Marine Expeditionary Force from July 1990 through July 1991, and deployed as Assistant Division Surgeon, 2nd Marine Division for Operation Desert Shield/Desert Storm.

Dr. De Voll earned his M.P.H. (Epidemiology and Biostatistics) from Columbia University School of Public Health, New York City in 1992. He then reported to the Naval Aerospace and Operational Medical Institute in Pensacola, FL, where he completed residency training in Aerospace Medicine in June 1994. In July 1994, he reported to the USS *Enterprise* in Norfolk, VA, as Senior Medical Officer. He reported to the Bureau of Medicine and Surgery in September 1996 as Assistant Director, Aerospace Medicine for the Assistant Chief, Operational Medicine and Fleet Support. In May 1998, he assumed the role of Director of Aerospace Medicine and Specialty Leader for Aerospace Medicine. In October 1999, he then moved to be the Medical Corps Career Plans Officer for the Chief of the Medical Corps.

Dr. De Voll reported to the National Naval Medical Center, Bethesda, MD, in August 2001 as the Director for Neuro-Musculoskeletal Services. He also was assigned by the Surgeon General to chair the working group on the Navy Medicine strategic plan focused objective that created and im-

plemented the “Task Organized for Contingency Response” concept revolutionizing Navy-wide medical capabilities for scalable, flexible and rapid response to emerging threats.

Dr. De Voll retired from the Navy in October 2004, but has continued as a volunteer physician at the National Naval Medical Center, Bethesda, MD, as well as serving as a Red Cross volunteer at the Naval Medical Clinic Patuxent River, MD. In 2004 he joined Science Applications International Corporation (SAIC) as Chief Medical Officer for the Health Solutions Business Unit. He then moved to The Advisory Board Company, where he served as Director for Physician Leadership. In 2006 he joined the FAA as Manager, Medical Appeals Branch Division, Medical Specialties Division, Office of Aerospace Medicine, a position he still holds today.

Dr. De Voll is board certified in Aerospace Medicine. He joined AsMA in 1982 as a Junior Flight Surgeon in the Navy. He became an Associate Fellow in 1993 and a Fellow in 2001. He is also a Fellow of the Civil Aviation Medical Association, and member of the American Medical Association and American College of Preventive Medicine. As a reviewer for articles in the *Blue Journal*, he has reviewed numerous articles involving human factors issues. He has served on many AsMA committees including the Registration Committee, Human Factors, Publications, Finance, and Science and Technology, and most recently as AsMA Treasurer and Vice President. Dr. De Voll is a member of the Society of U.S. Naval Flight Surgeons since 1982, and a member of the Aerospace Human Factors Association (Past President and Fellow). His awards include Meritorious Service Medals (with three Gold Stars) and Navy-Marine Commendation Medals (with one Gold Star) and the Admiral John C. Adams Award from AsMA.

**Charles “Chuck” DeJohn, D.O., M.P.H.**, took office as President on May 22, 2020, along with the new President-Elect and other new officers listed below. He is currently a Research Physician working for the Federal Aviation Administration (FAA) at the Civil Aerospace Medical Institute (CAMI) in Oklahoma City, OK. He is the Team Coordinator of the CAMI Aerospace Medical Research Team and is frequently called on as a medical/human factors consultant by the National Transportation Safety Board (NTSB), Department of Justice, the aviation industry, and academia for cases that need medical and human factors evaluation or interpretation. [For a more complete biography, please see [Aerosp Med Hum Perform. 2019; 90\(8\):747](#) or the [August 2019 newsletter](#).]

### Other elected officials are as follows: Vice Presidents:

Robert Orford, M.D., M.P.H., Warren Silberman, D.O.;

### Treasurer: Nereyda Sevilla, Ph.D.; Members-at-Large:

Rebecca Blue, M.D., M.P.H., Bonnie Posselt, B.Sc., M.B.Ch.B., Carlos Salicrup, M.D., MS, and Thomas Smith, M.B.B.S., D.Av.Med.

### 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)

## Associate Fellows Announced

The following members of the Aerospace Medical Association have achieved Associate Fellow status and were approved by the Executive Committee: Abdullah Aljalud; Samir Alvi; Tamara Averett-Brauer; Joseph Britton; Lisa Brown; Todd Dart; Justin Dickie; Michael Greene; Steven Ho; Duncan "Slash" Hughes; Karen Klingenberger; Toru Konishi; Dana Levin; Adrian Macovei; Dominick Natin; Ing Oei; Simo Piitulainen; Kathleen Samoil; Paul Sherman; and Moriah Thompson.

## New Members

AsMA welcomes 9 new members in June.

- Adler, Kelsey; Iowa City, IA, United States
- Bram-Mostyn, Avram; La Canada Flintridge, CA, United States
- Clift, Armando; Miami Beach, FL, United States
- Gouws, Gideon; Jerrabomberra, New South Wales, Australia
- Lancaster, Chacy; Lees Summit, MO, United States
- Puebla, Aaron; Sarasota, FL, United States
- Teixeira Alves, José Gonçalo; Guimarães, Portugal
- Torres, Alexander; Baltimore, MD, United States
- Trezza, Jordan; New York, NY, United States

## Dr. Igor Borisovich Goncharov Has Died

The Russian and international space medicine community is saddened by the recent loss of Dr. Igor Borisovich Goncharov, a renowned Soviet and Russian scientist-physician and an eminent figure in the international history of space medicine. He passed away in Moscow on April 24, 2020, due to an acute infection 2 days after the same disease claimed the life of his beloved son, a well-known Moscow cardiologist.

Dr. Goncharov was born in Moscow, Soviet Union. He studied at the I.M. Sechenov First Moscow State Medical University (Sechenov University) and graduated as a general physician in 1967. In the following 3 years, he specialized in trauma and orthopedic surgery at the Sklifosovsky Clinical and Research Institute for Emergency Medicine in Moscow, Russia. In parallel with a residency, he worked at the Moscow city EMS, as well as conducted extensive research. After successfully defending his first dissertation in 1971, he received a clinical position at Sklifosovsky.



In 1972, fascinated and inspired by the rapid progression of space exploration, and likely motivated by the June 1971 tragedy of Soyuz-11, Dr. Goncharov applied for a science position at the Institute of Biomedical Problems (IBMP). He faithfully and selflessly worked at IBMP, occupying various clinical, science, and leadership positions. His career transcended the Soyuz, Salyut, Mir, Mir-Shuttle, and ISS

Programs. During his early IBMP years, Dr. Goncharov was directly involved in biomedical training of the spaceflight crewmembers and their medical care during orbital missions. He and his colleagues continuously optimized and upgraded the system of medical support – from an onboard pharmacy to biomedical telemetry and remote medical care.

Since 1994, Dr. Goncharov served as the Deputy Flight Director for medical support at the Mission Control Center, Moscow, and as a member of the Chief Medical Commission for cosmonaut medical certification. His many scientific contributions addressed the effects of spaceflight factors on human organ systems and on specific aspects of landing, triage, and evacuation of crews. While in charge of an IBMP laboratory and then a department, he led numerous investigations aimed at optimizing nominal and contingency medical care of spaceflight crews, including space telemedicine technologies.

Dr. Goncharov was well known and respected among his peers in the international space medicine community as an expert in the field and a bearer of amazing operational experience with an exceptionally generous, positive attitude. For his contributions, which included 132 scientific papers, 23 inventions, and 4 patents, he received numerous national and international awards. Among those was the President's Lifetime Achievement in Space Medicine award, presented at the 79th AsMA Annual Scientific Meeting (2008, Boston, USA). He received a standing ovation for his remarkable achievements and the tremendous help that he has given to the U.S. participants while in Russia. He was also made an honorary member of the Space Medicine Association. His legacy will live in the ever-growing collective knowledge of operational space medicine.

## Save the Date!

The IAF has announced the postponement of the GLEX in St. Petersburg and of the IAC in Dubai. However, they have announced they will be hosting a virtual IAC 2020.

**The 71st International Astronautical Congress—The CyberSpace Edition** will take place **12–14 Oct. 2020**. The IAF has also announced the new dates for the **72nd International Astronautical Congress, IAC 2021**, which will take place in **Dubai, UAE, from 25–29 Oct. 2021**. Furthermore, the IACs in **Paris** and **Baku** will be postponed. For more, please visit <http://www.iafastro.org/events/iac/iac-2020/>.

## Future AsMA Annual Scientific Meetings

Oct. 10-15, 2020; Hyatt Regency Atlanta; Atlanta, GA  
May 23-27, 2021; Peppermill Resort Hotel; Reno, NV  
April 3-7, 2022; Sheraton Denver Downtown, Denver, CO  
May 21-25, 2023; Sheraton, New Orleans, LA

## Visit Us on Social Media!

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

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**LinkedIn:** [https://www.linkedin.com/company/2718542?trk=tyah&trkInfo=arId:1404740611720,tas:Aerospace Medical,idx:1-1-1](https://www.linkedin.com/company/2718542?trk=tyah&trkInfo=arId:1404740611720,tas:Aerospace%20Medical,idx:1-1-1)

## In Memoriam: Laurence Blackburn, Jr., M.D.

AsMA staff members were saddened to hear of the passing of Laurence H. Blackburn, Jr., M.D., M.P.H., AsMA Associate Fellow, in late April. Born in Boston, MA, he graduated Princeton University, Princeton, NJ. He earned his M.D. from Johns Hopkins University, Baltimore, MD, in 1955 and was commissioned in the Medical Corps of the U.S. Navy after an internship at Ohio State University Medical Center. He was assigned to NAAS Correy Field, Pensacola, FL, and attended Flight Surgeon School at the Navy School of Aviation Medicine, graduating in 1957. He served at NAAS Port Isabel, TX, until June 1959, when he was discharged. After a 6-month residency at Henry Ford Hospital, Detroit, MI, he re-enlisted in the Navy and became Medical Officer at the Naval Missile Facility, Point Arguello, CA. He was also assigned to NASA as a medical monitor for the Project Mercury manned spaceflights from 1961–1964. He then attended the 3-year Aerospace Medicine residency program at the Navy School of Aviation Medicine. After completing a Master of Public Health degree from Johns Hopkins Bloomberg School of Hygiene and Public Health, he became Board Certified in Aerospace Medicine in 1968.

Dr. Blackburn was Senior Medical Officer aboard the USS *Intrepid* during its first two Vietnam deployments and then

was assigned as Senior Medical Officer at NAS Key West, FL, from 1967–1969. From 1971–1977, he served as Director of the Crew Systems Department at the Naval Air Development Center, Warminster, PA. He then became Chief of the Occupational and Environmental Health Service at the Naval Regional Medical Center in Philadelphia, PA, retiring as a Captain in 1978. He then became Assistant to the Corporate Medical Director of the Bethlehem Steel Corporation in Bethlehem, PA, and later Director of Occupational Medicine for Stewart-Todd Associates, King of Prussia, PA. In 1987, he became Medical Consultant to Bethlehem Steel Corporation headquarters, retiring in 1991.

Dr. Blackburn was a member of several professional and hiking organizations, including the Aerospace Medical Association, and formerly served on the Board of Directors of the USS *Intrepid* Former Crewmembers Association, where he was chosen to serve as Chairman of its Chapter Representatives. He volunteered at the USO Lounge at the Philadelphia Airport for several years and was a volunteer at the Doylestown Hospital. He held a Navy Commendation Medal.

An online obituary can be read at Legacy.com at: <https://www.legacy.com/obituaries/theintell/obituary.aspx?n=laurence-henry-blackburn&pid=196077485>.

## NEWS OF CORPORATE MEMBERS

### AOPA Partners with iFlightPlanner

The Aircraft Owners and Pilots Association (AOPA) has announced a new partnership with iFlightPlanner which combines a new technology platform with a core set of features that AOPA members have long been asking for. iFlightPlanner, an Ann Arbor, Michigan-based firm, is providing a unique version of its flight planning platform exclusively to AOPA members free of charge. Beginning in mid-April, AOPA members were able to start using a customized version of iFlightPlanner accessible through any web browser on desktop, tablet, and mobile devices. The planner combines the newer technology and graphical capabilities of iFlightPlanner with a select set of features that were most commonly used by AOPA members in the legacy system. One of the most important additions is a powerful web interface with FAA-produced aeronautical charts and other visual displays related to weather, airspace, and airport services designed to provide pilots the most current information to effectively plan their flights. Based on a mobile-friendly web design, the system will afford users a fast and visually compelling environment that is constantly updated without needing to download current chart updates, weather, or other data.

—Please visit <https://www.aopa.org/news-and-media/all-news/2020/june/pilot/pilot-briefing-june-2020> to read more.

### NIOSH Releases New Version of EXAMiner

The latest release of the EXAMiner software—a tool used to train mineworkers to find and address hazards in their workplace—can now create, save, and share training scenarios. The software, developed by the National Institute for Occupational Safety and Health (NIOSH), is a Windows-based ap-

plication that allows users to perform a virtual workplace examination, testing and strengthening their hazard recognition skills for when they are on the job. EXAMiner comes with 31 preloaded scenes (24 with and 7 without hazards) that were developed specifically to test mineworker hazard recognition ability. The preloaded scenes are panoramic images of four locations at a surface limestone mine: the pit, the plant, the shop, and a series of haul roads or other roadways. Additionally, trainers can customize the software by uploading panoramic images from their own worksites and labeling hazards for workers to find. Users can also save their training scenarios to revisit later or export them to share with colleagues. Exported files can be emailed or added to shared folders and imported into EXAMiner by other users.

—Please see <https://www.cdc.gov/niosh/updates/upd-05-04-20.html> for more on this.

See 'Corporate News,' p. N26

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

Corporate Members get meeting, exhibitor, and journal discounts. If your company is not a member, become a one! Visit [www.asma.org/for-corporations](http://www.asma.org/for-corporations) to learn more about membership and its benefits.

### FAA AME Seminars

June 22-26, 2020	Oklahoma City, OK	Basic
Aug. 7-9, 2020	Washington, DC	Refresher
Sept. 11-13, 2020	Denver, CO	Refresher

Please check the [FAA website](http://www.faa.gov) for more information. **PLEASE NOTE:** AsMA only takes registrations for the seminar held in conjunction with our annual meeting.



## KBR Mentors UH Students

Last year, KBR's Government Solutions business unit began a transformational journey to create a world-class end-to-end supply chain management organization. This transformation, which seeks to improve operations and services for customers and bring more efficiencies to processes and procedures, aligns with KBR's community engagement efforts. In a recent move to support these efforts, KBR's Supply Chain Department partnered with the University of Houston's (UH's) Supply Chain and Logistics Technology Department. Through this partnership, KBR provides the next generation of supply chain professionals a global, first-hand experience of working in the supply chain industry. Students receive a robust mentoring experience that exposes them to real-life challenges. In addition, KBR receives a direct line into supply chain talent pools in order to attract the most promising and diverse candidates in the Houston area. This past spring semester, six undergraduate students and one graduate student worked with a KBR supply chain mentor on select KBR projects supporting American troops and military installations overseas.

—Please visit <https://www.kbr.com/en/insights-events/stories/kbr-mentors-uh-students-through-supply-chain-program> to read more about this.

## Martin-Baker Celebrates International Nurses Day

To honor nurses in the National Health Service (NHS), Martin-Baker got in touch with their local parish council, Denham Community Support and the Wexham Park Hospital, local to Martin-Baker HQ, to seek consultation on how they could best assist local nurses and NHS staff. As a small gesture of recognition and to show their support on International Nurses Day, we donated gift bags containing everyday items that many local nurses have expressed a need for. In mid-May, they put together 200 of these gift bags, which were delivered to Frimley Health Charity for distribution on International Nurses Day. Martin-Baker is continuing to work with them on an ongoing basis for future donations and continued support.

—Please see <http://martin-baker.com/2020/05/12/martin-baker-celebrates-international-nurses-day/> for more on this.

## Mayo Clinic Helps Connect Patients with Family

Beginning last year, more than 2,000 Mayo-owned iPads have been distributed across Mayo Clinic hospitals to support the Epic application known as Bedside. Bedside is a tablet-based application managed by Mayo Clinic's Center for Connected Care. The application functions as an inpatient online portal with a variety of features such as letting patients view their vital signs, their daily schedules and even photos and information about their care teams. Because of COVID-19, some patients have lost touch with family. Because not everyone has their own smart phone or tablet and they recognize the need to keep patients connected with loved ones, Mayo Clinic's Center for Connected Care, Nursing Department, and IT worked together to develop a way to let patients use these iPads as communication tools. To meet this need,

## Corporate News Bites

**ALPA:** The Air Line Pilots Association, Int'l (ALPA), recently applauded the passage of the HEROES Act. They were pleased that the Act contained provisions for airlines to follow Centers for Disease Control and Federal Aviation Administration guidelines for health protocols. Please visit <http://www.alpa.org/news-and-events/newsroom/2020-05-15-house-passage-heroes-act> to read the full statement.

Zoom software was uploaded to all the Bedside tablets. Then, two use cases were discussed and implemented. The first allows patients who are stable and functional to operate the iPad themselves. The second allows hospital staff to operate the iPad for a patient with limited functioning. When a Zoom connection is initiated by a Mayo Clinic provider, the provider uses the appropriately licensed technology to meet HIPAA guidelines. Patients can be assured that their privacy is being protected. An additional benefit of providers connecting with patients in isolation through Zoom on Bedside is the conservation of Personal Protective Equipment.

—Please visit <https://newsnetwork.mayoclinic.org/discussion/patients-stay-connected-to-family-friends-and-providers-with-bedside/> for the full press release.

## SAA Continues Repatriation and Cargo Flights

South African Airways (SAA) has reassured its customers and stakeholders that it will continue to operate repatriation and cargo flights during the month of May and beyond. SAA has no plans to cease its operations on the 8th of May. The airline will honor all existing commitments to provide air transportation services to its customers and any other requests that it receives. There are several requests for repatriation flights to North, West, and East Africa, the UK, the Middle East, South and North America, and the Far East during the course of this month that are being considered by the airline. The airline continues to receive and accommodate requests from various foreign governments, who still have their citizens stranded in South Africa. Since the 3rd of April, SAA has transported more than 9,100 passengers to six continents and more than 870 tons of freight, both export and import consignments, which included essential humanitarian cargo. As long as such requests are received, SAA will continue to endeavor to fulfill them.

—Please see <https://www.flysaa.com/about-us/leading-carrier/media-center/media-releases/newsroom> for more.

## MEETINGS CALENDAR

Due to the coronavirus, please check the websites of meetings listed here to see if they have been postponed/cancelled.

**June 9-11, 2020;** Global Space Exploration Conference; St. Petersburg, Russian Federation: **POSTPONED until 2021.** Please visit <http://www.iafastro.org/events/global-series-conferences/glex-2020/> for more info.

**Aug. 9-11, 2020,** Australasian Society of Aerospace Medicine - Humans in Space: Challenges for Exploration; University of Tasmania, Hobart. Visit [www.asam.org.au/](http://www.asam.org.au/) for more info. **POSTPONED**