



# Ever Upward: November 2017

## New Members

The Association welcomes 14 new members in November.

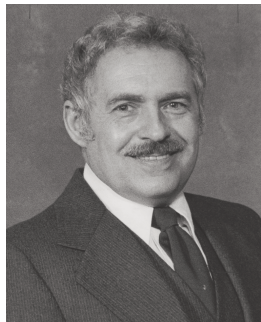
- Aintablian, Haig; Glendale, CA, United States
- Buchlak, Quinlan; Kew, Victoria, Australia
- Goel, Rahul; Houston, TX, United States
- Hill, Alfred; London, United Kingdom
- Kim, David; Nanaimo, British Columbia, Canada
- Kolaparambil Varghese, Lydia Johnson; Anzio, Italy
- Lattimore, Morris; Ozark, AL, United States
- Melnyczenko, Andrew; Rochester, MN, United States
- Philofsky, Henry; New York, NY, United States
- Sellers, Ethan; Dothan, AL, United States
- Sherlock, Sharon; Destin, FL, United States
- Stoll, Kristin; Cascadia, OR, United States
- Wetzel, Misty; Shreveport, LA, United States
- Workman, Lorna; Parramatt, New South Wales, Australia

Please contact [Rachel](#) with any corrections.

## In Memoriam: Kenneth Beers, M.D.

AsMA was saddened to learn of the death of Col. Kenneth “Ken” Beers, M.D., USAF(Ret.) in September. A native of Pennsylvania, Dr. Beers graduated from Muhlenberg College of Allentown, PA, in 1952 and received his M.D. from Jefferson Medical College, Philadelphia, PA, in 1956. He served an internship and a family practice residency and then joined the U.S. Air Force in 1958. He took the primary course in aviation medicine and later entered the USAF aerospace medicine residency program, during which he earned a Master of Public Health from the University of California, Berkeley, in 1963. He was then assigned to the NASA Johnson Space Center, Houston, TX, where he remained for 4 years, providing direct support to every Gemini and Apollo mission through Apollo 11. He stayed in the USAF until 1978, achieving the rank of Colonel in 1971, and was a veteran of the Vietnam War, serving with the famed 8th Tactical Fighter Wing, “Wolfpack.”

After retiring from the USAF, he joined the Wright State University School of Medicine as an Associate Professor. He



taught in the departments of Community Medicine and Family Practice and was the Associate Director and Training Coordinator of the Aerospace Medicine Residency Program, from which he retired in 1993. He was a musician and performed in various bands in high school and college, and was part of a band that performed at the Presidential Inauguration ceremony of Harry S. Truman.

Dr. Beers received the Legion of Merit with one oak leaf cluster for his work with the NASA Manned Spacecraft Center, NASA Gemini and Apollo Achievement Awards, the Air Medal with two oak leaf clusters, and the Muhlenberg College Alumni Achievement Award. He was a Diplomate of the American Board of Preventive Medicine and a Fellow of the American College of Preventive Medicine. He was an AsMA Fellow, had been a member of the Aerospace Safety and Education & Training Committees, and was the 1980 winner of the Harry G. Moseley Award.

AsMA regrets to inform its members that **Prof. Dr. med. Jorg Draeger** died in August. He joined AsMA in 1971 and had been an Emeritus member and Fellow. He had also served on the Scientific Program Committee.

## Obituary Listing

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### Read Current News Online!

The News pages are updated regularly. Members: check the Job Fair: new jobs are posted monthly!

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

## NEWS OF CORPORATE MEMBERS

### SAA Rewarded for Commitment to Excellence

South African Airways (SAA) is committed to service excellence and this is demonstrated by the number of awards the airline has already won this year. With the exception of August, SAA has won an array of awards and received recognition every month since April as chosen by aviation, travel, and tourism professionals and customers worldwide, and retained a 4-Star rating in both Economy and Business Class for 15 years in a row, which confirms consistent service standards. The airline is the proud holder of the Skytrax award as Best Airline in Africa for 14 years running. The airline's in-flight magazine won the award for Africa's Leading In-flight Magazine for the 3rd year in a row and SAA was chosen by *Business Traveller* as Best African Airline for the 11th consecutive year.

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

### Neuro Kinetics Awarded Three New Patents

Neuro Kinetics, Inc. (NKI) announced that the United States Patent and Trademark Office (USPTO) recently awarded it 3 more patents, increasing NKI's patent count to 22. These new patents augment the company's existing patent portfolio for its I-Portal clinical eye-tracking technology and strengthen NKI's market-leading number of FDA-cleared medical tests.

### Corporate News Bites

**Konan Medical:** Konan Medical announced that it has attained the CE mark for its newest device, EvokeDx. The CE mark is required in Europe by 30 countries. EvokeDx was featured at the European Ophthalmology meeting in Lisbon in October. Please see <http://www.prweb.com/releases/2017/07/prweb14505443.htm> to read more.

**KBRwyle:** KBR, Inc. announced it has entered a definitive agreement to acquire Sigma Bravo Pty Ltd, a provider of high-end Information and Communication Technology services specializing in mission planning systems and solutions to the Australian Defence Force (ADF). Sigma Bravo will become a KBRwyle company reporting within KBR's Government Services segment and will maintain its current structure to ensure business continuity. Please visit <http://ww2.wyle.com/content/NewsDescription.aspx?NewsItem104> for more on this.

**IFALPA:** The International Federation of Air Line Pilots' Associations (IFALPA) was invited to participate at the International Civil Aviation Organization's first Global Aviation Security Symposium (AVSEC2017) that took place mid-September. IFALPA's Security Committee Chairman, Cpt. Agustin Guzman, was invited to participate in a panel and exchanged ideas on the importance of security culture in the aviation environment. Please see their monthly update at <http://www.ifalpa.org/downloads/Level1/Monthly%20Update/2017/IFALPA%20Monthly%20Update%20-%20September%202017.pdf> to read more and see what else IFALPA has been doing.

The new patents are: U.S. Patent No. 9,655,515, "Method of Precision Eye-Tracking Through Use of Iris Edge-Based Landmarks In Eye Geometry," issued May 23, 2017; U.S. Patent No. 9,723,981, "Head Mounted Compact Goggle-Based Video Oculography System with Integral Stimulus Display," issued August 8, 2017; and U.S. Patent No. 9,730,583, "Method and Apparatus for Corrective Secondary Saccades Analysis With Video Oculography System For Objective Diagnostic of Traumatic Brain Injury, Internuclear Ophthalmoplgia, Ocular Lateral Pulsion and Progressive Supernuclear Palsey and Glissades," issued August 15, 2017.

—Please see the press release at [http://www.neuro-kinetics.com/docs/NKI\\_PressRelease\\_3Patents\\_25Sept2017.pdf](http://www.neuro-kinetics.com/docs/NKI_PressRelease_3Patents_25Sept2017.pdf) to find out more about these patents.

### Mayo Clinic Finds Immune Response to Ovarian Cancer May Predict Survival

A group of international cancer researchers led by investigators from Mayo Clinic and the University of New South Wales Sydney has found that the level of a type of white blood cell, called tumor-infiltrating lymphocytes (cytotoxic CD8), present in the tumors of patients with high-grade ovarian cancer, may predict a patient's survival. Results of the study by the Ovarian Tumor Tissue Analysis Consortium were published in *JAMA Oncology*. Researchers studied more than 5,500 patients from 9 different countries, including 3196 with high-grade ovarian cancer. Researchers found that patients with high-grade ovarian cancer showed the most infiltration with tumor-infiltrating lymphocytes, which were associated with longer overall survival. The higher the level of cytotoxic CD8 in a tumor, the better the patient's chance for survival. Better understanding of what increases cytotoxic CD8 in tumors could be key to developing better treatments.

—For more, visit <https://newsnetwork.mayoclinic.org/discussion/immune-response-to-ovarian-cancer-may-predict-survival-mayo-led-study-finds/>.

### Human Solutions Demonstrates 3D Body Scanning in Montreal

Human Solutions, together with its partner Vitronic, participated in the 8<sup>th</sup> International 3D Body Scanning Conference in mid-October in Montréal, Canada. Tim Guenzel, Body Scanning Manager at Human Solutions of North America spoke at the conference and explained how the data collected by a body scan can be used as meaningfully as possible for in-

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### Upcoming Calls for Papers

**May 23-26, 2018;** Preventive Medicine 2018: Annual Meeting of ACPM; Chicago, IL. [Abstract submission](#) is now open. The deadline is December 6, 2017, 11:59 PM EST. For more information, please see the [abstract submission guidelines](#). More information will be available at <http://www.preventivemedicine2018.org/> later.

**From 'Corporates,' p. N69**

dustrial purposes and especially in apparel production and ergonomic vehicle development. At the conference, Human Solutions showcased its expertise in creating avatars with realistic body dimensions and in carrying out industrial serial measurement surveys. Human Solutions also presented its software solutions for fashion and ergonomics at the trade fair, and special emphasis was placed on solutions for the military sector.

—Please see [http://www.human-solutions.com/group/front\\_content.php?idcat=107&idart=4942&lang=2](http://www.human-solutions.com/group/front_content.php?idcat=107&idart=4942&lang=2) to read more on this.

**New NIOSH Center to Monitor Benefits and Risks of Robot Workers**

Increasing numbers of robots are entering the 21st century workplace, yet the benefits and potential risks of robots in the workplace aren't fully known. To address the knowledge gap related to robotics and worker safety and health, the National Institute for Occupational Safety and Health (NIOSH) announced the launch of the Center for Occupational Robotics Research. The new Center will assess potential benefits and risks of robot workers and develop guidance for safe interactions between human and robot. Robots are not new to the workplace. Advancements in sensing technology, however, have led to the evolution of the conventional industrial robot working in isolation to smarter, collaborative robots that work alongside, move amongst, or are worn by human workers. NIOSH researchers have identified 61 robot-related workplace deaths between 1992 and 2015. The Center will continue to monitor trends in injuries associated with both traditional and emerging robotics technologies. NIOSH will work in partnership with partners in academia, industry, and

**MEETINGS CALENDAR**

**December 5-7, 2017;** SpaceCOM: Space Commerce Conference and Exposition; George R. Brown Convention Center, Houston, TX. For more info or to register, please visit <http://www.spacecomexpo.com>.

**December 12, 2017;** Aerospace Medicine Grand Rounds; London, UK. This symposium will use clinical cases and real world experiences to explore the complexities of medical risk in aviation. For more info, please visit <https://www.aerosociety.com/events-calendar/aerospace-medicine-grand-round-2017/>.

**March 26-28, 2018;** 4th Annual Singapore Aviation Safety Seminar; Singapore. This is an annual safety seminar designed to provide a platform for aviation professionals to share the latest safety challenges, issues, developments and initiatives to raise the safety standards in the Asia Pacific region. For more information, please visit <https://flightsafety.org/event/4th-annual-singapore-aviation-seminar-sass/>.

**May 18-23, 2018;** American Thoracic Society International Conference (ATS 2018); San Diego, CA. For more info, please visit <http://conference.thoracic.org/>.

**June 28-30, 2018;** UHMS Annual Scientific Meeting; Disney's Coronado Springs Resort, Lake Buena Vista, FL. For more info, please visit <https://www.uhms.org/asm-new.html>.

government to establish risk profiles of robotic workplaces, identify research needs, and conduct research to improve the safety, health, and wellbeing of humans working with robots and robotic technologies and support the development and adoption of consensus safety standards.

—Please visit <https://www.cdc.gov/niosh/updates/upd-10-16-17.html> for more.

**AOPA Announces 2017 Flight Training Awards**

AOPA has announced its Flight Training Experience Awards for 2017, bestowing top honors on a flight school in Alaska and a flight instructor from Colorado. The National Best Flight School, SkyTrek Alaska, and the National Best Flight Instructor, Zoan Harclerode, were selected from among five regional winners in each of the two categories. The regional winners also were honored for providing a high level of service to their customers, based on responses to the 2017 Flight Training Experience Survey, which closed in August. The survey was based on AOPA's extensive research into the optimal flight training experience, and focused on four key factors: educational quality, customer focus, community, and information sharing. Flight schools and instructors identified as delivering excellent training experiences also earned Flight Training Experience Awards as Distinguished Flight Schools and Distinguished Instructors. The award presentations were made in a ceremony at the 2017 Redbird Migration at the Experimental Aircraft Association Museum in Oshkosh, WI.

—To find out more, please see <https://www.aopa.org/news-and-media/all-news/2017/october/18/aopa-announces-2017-flight-training-experience-awards>.

**Upcoming FAA AME Seminars**

<u>Dates</u>	<u>Location</u>	<u>Seminar Type</u>
Dec. 1-3, 2017	Portland, OR	Refresher
Feb. 9-11, 2018	Atlanta, GA	Refresher
March 19-23, 2018	Oklahoma City, OK	Basic
May 7-10, 2018	Dallas, TX	AsMA
June 11-15, 2018	Oklahoma City, OK	Basic
Aug. 10-12, 2018	Washington, DC	Refresher
Sept. 27-29, 2018	Anchorage, AK	CAMA
Sept. TBD	Denver, CO	Referresher
Oct. 22-26, 2018	Oklahoma City, OK	Basic
Dec. 7-9, 2018	Salt Lake City, UT*	Refresher

**PLEASE NOTE:** The only FAA seminar AsMA takes registrations for is the one held in conjunction with our annual meeting in May. For all others, please contact the FAA.

For more, visit: [http://www.faa.gov/other\\_visit/aviation\\_industry/designees\\_delegations/designee\\_types/ame/seminar\\_schedule/](http://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/seminar_schedule/).

\*Tentative

**Future AsMA Annual Scientific Meetings**

- May 6-10, 2018: Hilton Anatole Hotel; Dallas, TX
- May 5-9, 2019: Rio All Suites Hotel; Las Vegas, NV
- May 17-21, 2020: Hyatt Regency Atlanta; Atlanta, GA
- May 23-27, 2021: Peppermill Resort Hotel; Reno, NV