



# The “Aerospace Medicine Association” **AsMA**

**Dr Roland Vermeiren**

President of AsMA

former President of ESAM

Head Medical Service of EUROCONTROL

# Basis of AsMA



- 12 Constituent Associations
- Home Office at Alexandria, Virginia
- Headed by Executive Director (ED)

# AsMA Goals - Objectives



- The Aerospace Medical Association is organized exclusively for **charitable**, **educational**, and **scientific** purposes.
- AsMA is a **scientific forum** providing a setting for many different disciplines to come together and share their expertise for the benefit of all persons involved in air and space travel.
- The Association has **provided its expertise to a multitude of Federal and international agencies** on a broad range of issues, including aviation and space medical standards, the aging pilot, and physiological stresses of flight.

# Structure of AsMA



- Membership (around 2000 from around the world)
- **Council**  
(representatives of the 12 Constituent Member Associations)
- **ExCom (Executive Committee):**  
president, president-elect, 4 VP's, 3 members at large, treasurer, secretary and ED
- 18 Committees

# Constituent Member Associations



- Aerospace Human Factors Association
- Aerospace Nursing & Allied Health Professionals association
- Aerospace Physiology association
- Airline Medical Directors Association
- American Society of Aerospace Medicine Specialists
- Army Aviation Medical association
- International Association of Military Flight Surgeon Pilots
- Life Sciences & Biomedical Engineering Branch
- Society of NASA Flight Surgeons
- Society of US Air Force Flight Surgeons
- Society of US Naval Flight Surgeons
- Space Medicine Association

# Aerospace medicine : a big worldwide family !



# Affiliated Member

## Associations 1



- Aerospace Medical Association of Korea
- Aerospace Medical Association of the Philippines
- Aerospace Medical Student & Resident Organization (AMSRO)
- Alliance of Air National Guard Flight Surgeons
- + [AMDA \(Aviation Medicine Doctors Association of Russia\) since May 2018](#)
- Association of Aviation Medical Examiners, UK
- Australasian College of Aerospace Medicine
- Australasian Society of Aerospace Medicine
- Aviation Medical Association of the Republic of China
- Aviation Medical Society of New Zealand
- Brazilian Aerospace Medical Society
- Canadian Aerospace Medicine and Aeromedical Transport Association
- Civil Aviation Medical Association
- Commission Internationale Medico-Physiologique
- Corporate and Sustaining Affiliate
- Danish Aeronautical Medical Association
- European Society of Aerospace Medicine
- Flying Physicians Association
- French Aerospace Medical Association

# Affiliated Member

## Associations 2



- German Society of Aerospace Medicine
- Greek Aerospace Medical Association
- Hellenic Aerospace Medical Society
- Hungarian Association of Aeromedical Examiners
- Ibero-american Association of Aerospace Medicine
- International Association of Aerospace Dentistry
- Israeli Society of Aerospace Medicine
- Italian Aviation and Space Medicine Association
- Japan Society of Aerospace and Environmental Medicine
- Middle Eastern Society of Aerospace Medicine
- Netherlands Association of Aviation Medicine
- Norwegian Association of Aviation Medicine
- Romanian Society of Aerospace Medicine
- Rutgers Robert Wood Johnson Medical School
- SAFE Association
- Slovenian Aerospace Medical Association
- Southern African Aerospace Medical Association
- Spanish Society of Aerospace Medicine
- Swedish Aero-Nautical & Naval Medical Association
- Undersea & Hyperbaric Medicine Society



# Good relations are important



# Practical work is done in Committees



- Aerospace Human Performance Committee
- Aerospace Safety Committee
- Air Transport Medicine Committee
- Arrangements Committee
- Awards Committee
- Bylaws Committee
- Communications Committee
- Corporate and Sustaining Membership Committee
- Education and Training Committee

# More AsMA Committees ....



- Finance Committee
- History and Archives Committee
- Global Liaison and Outreach Committee (GLOC)
- Membership Committee
- Nominating Committee
- Registration Committee
- Resolutions Committee
- Science and Technology Committee
- Scientific Program Committee

# Relationship AsMA - ESAM



- ESAM scientific meetings at AsMA congress (on Wednesday 12-2pm)
- AsMA – ESAM business lunch
- Collaboration for ECAM (publicity - registration - speakers - scientific co...)

# AsMA website



- [www.asma.org](http://www.asma.org):  
part public, part for members
- **Public:**
  - health tips for airline travel
  - medical considerations for airline travel
  - managing in flight medical events
  - cabin air quality
- **Information:**
  - Announcements
  - industry news
  - Newsletter
  - events, meetings, congresses



# AsMA history



- The Aerospace Medical Association (AsMA) was **founded in 1929 under the guidance of Louis H. Bauer, M.D.**, the first medical director of the Aeronautics Branch of the Department of Commerce (which later became the FAA).
- From the 1929 organizational meeting of **29 "aeromedical examiners"** the Association has grown to its present strength of more than **2,000 members** from over **70 countries**.
- In 1935 the annual meeting was held in San Antonio, TX, which gave the proceedings a **military aspect**
- The first **"international meeting"** took place the following year when 20 members attended from countries other than the United States.
- in 1947 the name was changed from the Aero Medical Association of the United States to the **Aero Medical Association**, reflecting the **international character** of its membership

# “Blue” Journal



- The **peer-reviewed monthly** journal provides contact with physicians, life scientists, bioengineers, and medical specialists working in both basic medical research and in its clinical applications
- Name changed to **“Aerospace Medicine and Human Performance”** (AMHP),(formerly Aviation, Space, and Environmental Medicine)
- It is the most used and cited journal in its field. It is distributed to more than 80 nations

# Content of the Journal



- Aviation, space, and environmental medicine;
- Case reports in clinical aviation, space, and Human Performance medicine;
- Private, commercial, and military aviation medicine;
- Medical problems for crews in high performance aircraft or in manned space travel;
- Occupational medicine;
- Flight safety;
- Environmental and life support systems involving performance, acceleration, deceleration, weightlessness, radiation, bioinstrumentation, etc.
- History columns
- Other regular features include editorials, letters to the editor, book reviews, and You're the Flight Surgeon.



# Other AsMA activities



- Certification (aerospace medicine, aerospace physiology)
- Career opportunities
- Scholarships

# AsMA Foundation



- Separate organisation, but strongly linked (past presidents, ED are Foundation Board members)
- The AsMA Foundation was created in 2007 to enhance the Association and aerospace medicine through **financial support** of **educational and scientific programs, scholarships, grants** for research, and additional support activities in partnership with AsMA members and the Association's affiliate and constituent organizations.
- The Foundation is organized exclusively for **educational** and **scientific** purposes
- The Foundation particularly aims to help those who **are early in their careers**

# Fellows



- Nominated & selected individuals
- **Fellows are considered ambassadors of everything AsMA stands for.**
- Min 7 yr AsMA membership
- “Fellows are selected from among those active members who have made outstanding contributions to aerospace medicine, aeronautics, astronautics, undersea medicine, or environmental health, either in research, in the practical usage of research, or by precept and example”
- **“Associate” fellows:**  
honors members of the Aerospace Medical Association who have contributed to the Association in a positive manner.

# AsMA Scientific Meeting = Congress



- Yearly, in the US, end April or beginning of May
- Around 1500 attendees, number rising
- 1/3 non US participation, number rising
- Starts Monday, ends Thursday with Gala Dinner (Honor's Night with prizes)
- Simultaneous sessions, videorecorded
- CME, MOC and AME credits
- 3 important invited speakers for common sessions
- “Wing” activities for spouses : to promote sociability among its members and their families

# Other activities during AsMA Congress



- AMDA meeting (Airline Medical Directors Association)
- ICAO meetings
- ESAM scientific meeting (Wednesday noon)
- Mental Health WG
- Academy (IAASM) meeting
- EU CMO Forum
- Corporates and business contacts in Exposition Space
- Social/professional contacts at receptions: networking!

# Memberships: prices



- |              |       |          |
|--------------|-------|----------|
| • 1 yr       | ..... | 280 USD  |
| • 3 yr       | ..... | 780 USD  |
| • Lifelong   | ..... | 5000 USD |
| • Student    | ..... | 50 USD   |
| • Resident   | ..... | 165 USD  |
| • Technician | ..... | 130 USD  |
| • Corporate  |       |          |
- Affects attendance price yearly congress!

# Thanks for your attention





# Questions?