



IAASM

The International Academy of Aviation and Space Medicine

The Role of the International Academy of Aviation and Space Medicine in the Provision of Aviation Medicine



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President-Elect

IAASM

International Academy of Aviation and Space Medicine

- 1) Membership Organisation
and
- 2) Charity

Mission is Education:

- ASM Congresses
- Scholarship awards
- Affiliate Programme

NB 'ASM' used throughout for 'Aviation and Space Medicine'

Disclosure Statement

I have

- no relevant disclosures
- no financial or commercial gains from this presentation
- no financial gains from role with IAASM
- prepared the slides from a personal viewpoint and any views expressed are my own, personal ones

What is the IAASM?

- International Academy of Aviation and Space Medicine Inc.
 - = 'IAASM Inc.'
 - = 'The International Academy'
 - = 'The Academy'
- founded 1955
- non-profit organisation, voluntary, funded mainly by dues and donations
- recognised by the International Civil Aviation Organization (ICAO) as an 'International Non-Governmental Organization'
- membership organisation: elected membership based on outstanding contribution to Aviation and Space Medicine (max 275)
- incorporated in New Zealand

Membership Categories

- **Full (Academician)**/10 years minimum ASM
 - voting rights and committee activities
- **Associate Member** / 5 years minimum ASM
- **Corporate Member**
 - For organisations with an interest in aviation safety, ASM education and philanthropy eg Aviation Medicine Institutes, Aviation Authorities (civil and military), aviation medicine-related businesses

Also Affiliate (non-membership) - young doctors or scientists

- senior doctor, less experience in Av Med

IAASM is also a Charity

- 'IAASM Educational Trust'
- Registered in New Zealand
- Funds Scholarship Awards for ASM Specialty training
- Currently 4 Trustees – Chaired by a NZ IAASM Director, plus 2 more in NZ plus IAASM Sec Gen (USA)

Governance of the IAASM

Constitution sets out aims and structure

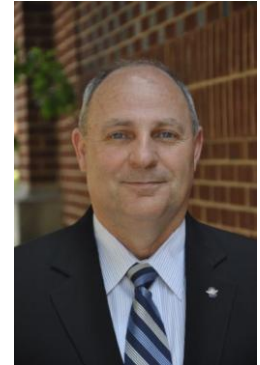
By-Laws govern its operational procedures

Objectives are

- **promotion of knowledge and education**
- exchange of information
- international co-operation

IAASM Leadership - Committee

- President **Dr Francisco Rios Tejada** (Spain)
- President-Elect (UK) and Past President (UK)
- Secretary General **Jeff Sventek** (USA) and Deputy Secretary General (Singapore)
- Chancellor (USA)
- 8 Directors and Sub-Committee Chairs (France, India, USA, Colombia, New Zealand)



General Meetings



IAASM Activities

- Standing Sub-Committees
 - Nominating – Officers and Sub-Committee members for election
 - Selectors – members
 - Scientific – Congresses and webinars
 - Scholarship
- Ad-hoc activities
 - Affiliate and Mentoring Programme

Selectors Sub-Committee

Chancellor:

Dr John Crowley
(USA)



Selectors:

Panama
Singapore
UK
Belgium
USA
Australia
Oman
Thailand

Who are the Academicians?

- Leaders in Aviation and Space Medicine
- Selection is on merit
- Diversity is encouraged; characteristics such as nationality, race, creed, ideology, political belief are not considered
- Currently 47 nationalities represented

Scientific Sub-Committee

Chair: Dr John Barson (USA)

Members:

Australia, The Netherlands, USA, India, UK,
Austria, Singapore, Germany/Dubai



- Oversees Scientific Programme of Annual Congresses
- Webinars

International Congress of Aviation and Space Medicine (ICASM)

- Research and education-based Congress
- Held annually alternately in/outside Europe

The stand alone ICASM in 'odd-numbered' years is held outside Europe but not in the USA.

- André Allard Lecture
- Ernsting Panel
- Scientific Sessions
- Educational Visits
- International Outreach



International Congress of Aviation and Space Medicine (ICASM)

- ICASM23 held in Abu Dhabi



International Congress of Aviation and Space Medicine (ICASM)

- ICASM25 held in Singapore



International Congress of Aerospace Medicine (ICAM)

- Within Europe Congresses in 'even-numbered' years are now organized in collaboration with other Aviation and Space Medicine organisations



ICASM Educational Visits

Oxford, UK 2015
Air Transport Isolator



2025 Airside Operations,
Changi Airport, Singapore



IAASM STEM Educational Outreach



Debrecen, Hungary 2019

Paris, France 2022

Singapore 2025

IAASM Annual Webinar

- 2022 Civilian Aeromedical Evacuation
- 2023 Remotely Piloted Aircraft Systems
- 2024 Innovation and Technology in ASM
- 2025 Single Pilot and Reduced Crew Options for Commercial Airlines



Scholarship Sub-Committee

Chair: Dr Patrice Guillemautot (France)

Members: New Zealand, Israel, Brazil, Brazil/UK

- Oversee Scholarship Awards
- Scholarship window: **1 February until 31 July** each year
- September Awards Meeting

Scholarship Programme

- Annual award up to NZ\$32,000
- Supports education of a medical professional in ASM who otherwise would not have an opportunity to train
- Application process:
 - www.iaasm.org
 - Scholarship
 - Scholarship application form

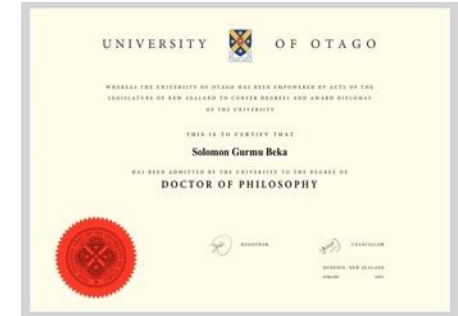
Recent Scholars

| Year | State | Study |
|------|--------------|--------------------------------------|
| 2018 | Indonesia | Jakarta, Indonesia |
| 2019 | Sudan | King's College, London, UK |
| 2020 | Nigeria | King's College, London, UK |
| 2021 | Ethiopia | Otago University, NZ |
| 2021 | Columbia | University of Columbia |
| 2022 | Kenya | Intended: King's College, London, UK |
| 2023 | Sierra Leone | King's College, London, UK |
| 2023 | Indonesia | Jakarta, Indonesia |
| 2024 | Indonesia | Jakarta, Indonesia |
| 2024 | Zimbabwe | Otago University, NZ |
| 2025 | Indonesia | Jakarta, Indonesia |
| 2025 | South Africa | Otago University, NZ |

Example of Scholar Achievement

Solomon Beka – Ethiopia

- 2021 Scholar
- PhD: *'Flight safety risk mitigation strategies for long-term neurocognitive effects of Covid-19 in airline pilots'*
- His research has identified tests for assessing a pilot's neurocognitive function post-Covid-19, to detect potential neurocognitive impairments.
- Graduated 10 May 2025



Affiliate and Mentoring Programme

- One IAASM Director has responsibility for the programme.
- 23 currently on programme from:
France, Australia, UK, India/Italy, Morocco, USA, Oman, Hungary, Qatar, Afghanistan, Algeria, Sierra Leone, Indonesia, Mongolia, South Africa, Malaysia, Thailand, Lebanon (Cameroon and Libya pending)
- Pairing with one or more mentors available to all.

Affiliate Nina Purvis



Selected by European Space Agency for 13 months at Concordia Station in Antarctica investigating how isolated, confined, and extreme environments impact human physiology and psychology. Researching exercise tolerance, cognition and learning, psychological well-being, stress responses, immunity.

PURVIS/DC21/ESA/IPEV/PNRA

Affiliate in Antarctica



PURVIS/DC21/ESA/IPEV/PNRA

ESA Opportunities

- [https://www.esa.int/Education/ESA Academy](https://www.esa.int/Education/ESA_Academy)
- [https://www.esa.int/About Us/Careers at ESA](https://www.esa.int/About_Us/Careers_at_ESA)
 - Internships
 - Graduate Trainee Programme
 - Junior Professional Programme
 - Postdoctoral Fellowships...and more!
- <https://scispace.esa.int/scispace-platforms/>
- [https://esacontact.esa.int/scispace newsletter subscribe/](https://esacontact.esa.int/scispace_newsletter_subscribe/)

Conclusions

- Contribution to Education (Congress and Webinars) and International Relations
- IAASM Membership: can apply if in leadership position in ASM
- Affiliate programme: if want mentor and future ASM career
- Scholarship awards – spread the word!

For more information:

- Web site www.iaasm.org
- X: @IAASM_ICASM

Next Congresses

- 2026 International Congress of Aerospace Medicine

Save The Date → Istanbul, Turkiye 1st-3rd October 2026

- 2027 International Congress of Aviation and Space Medicine

Dates to be announced → Cape Town, South Africa Oct or Nov 2026



IAASM

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Thank you for your attention!

Dr Sally Evans MBE

**Contact me
through the IAASM website**

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