



IAASM

The International Academy of Aviation and Space Medicine

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Dr Sally Evans MBE
President-Elect
IAASM

International Academy of Aviation and Space Medicine

1) Membership Organisation

and

2) Charity

Mission is Education

- ASM* Congresses
- Scholarship awards

and International Collaboration



IAASM

* '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 Academy'**
- founded 1955, scientific basis
- recognised by the International Civil Aviation Organization (ICAO) as an 'International Non-Governmental Organization'
- incorporated in New Zealand



Membership

- Global membership elected based on outstanding contribution to Aviation and Space Medicine
- 'Not for profit' organisation
- Funded mainly by members (47 nationalities)
 - annual subscriptions and donations
 - volunteering time and activities
- **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

The IAASM Charity

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

IAASM Objectives

Objectives are

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

Non-political, positive approach to diversity irrespective of language, religion, beliefs, opinions and values.

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)



IAASM Activities

- Standing Sub-Committees

- Nominating
- Selectors
- Scientific
- Scholarship
- Corporate membership



- General Meetings

International Congress of Aviation and Space Medicine (ICASM)

- Research and education-based Congress
- Held annually
 - ICASM (Academy only) in 'odd-numbered' years is held outside Europe but not in the USA
 - ICAM (with partner organisations) in 'even-numbered' years in Europe
- André Allard Lecture
- Ernsting Panel
- Scientific Sessions



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

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



ICASM2027

Cape Town, South Africa

1 November– 4 November 2027



Venue



Century City, Cape Town
15 minutes from International Airport + Waterfront

Celebrating Aviation Medicine in Africa

Host: SAAsMA

Participation from

- community of aviation medicine clinicians
- air ambulance and medical aid workers
- universities
- medical centres
- aviation medicine technicians and scientists
- military

Workshops



Benefits of ICASM27 in Africa



For African aviation medicine specialists
Academicians, Affiliates and Scholars
gives the opportunity to attend
an ICASM at a reasonable cost

For IAASM: Furthers the IAASM mission in Africa and worldwide

Abstracts for ICASM27

Abstract process:

TOPIC?

→ RESEARCH

→ RESULTS

→ **ABSTRACT**

→ PAPER

Research and Reviews: IAASM is aiming to **buddy up** with doctors and scientists working in Africa in ASM with an Academician if you wish to undertake research and/or present a review of a topic to present at ICASM27.

Focus will be on **mentoring** and **guidance**.

Guidance and Support

Chancellor: Dr John Crowley (USA)

Scientific Chair: Dr John Barson (USA) - Australia,
The Netherlands, USA, UK, Canada,
New Zealand, Austria, Singapore,
Germany/Dubai

****Contact me president-elect@iaasm.org
if interested in seeking a mentor to guide you
on a research or review topic and abstract writing****



Webinars

- 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
- 2026 Supporting AEROME monthly webinars organised by Prof Erik Hohmann



Scholarship Sub-Committee

Chair: Dr Patrice Guillemautot (France)

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

- Oversee Scholarship Awards
- Scholarship window: **1 January until 30 June** 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 (available from January 2027)

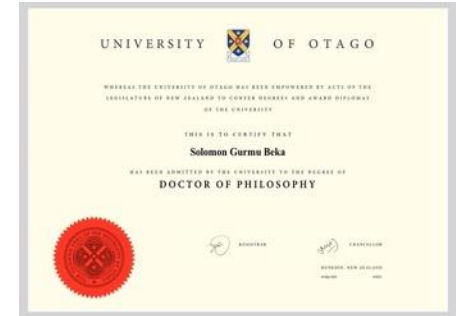
Recent Scholars

Year	State	Study
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
2026		

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
- Affiliate (non-member) – early career Dr/scientist or senior Dr with less ASM experience
- 25 currently on programme from:
France, Australia, UK, India, Italy, USA, Oman,
Qatar, Afghanistan, **Algeria**, **Sierra Leone**, Indonesia,
Mongolia, **South Africa**, Malaysia, Thailand, Lebanon,
Cameroon, **Mauritania**, **Nigeria**, **South Africa**
- 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/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/

Conclusions

- IAASM contribution to ASM 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 for ASM specialty training – spread the word!

For more information:

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

Next Congresses

- 2026 International Congress of Aerospace Medicine
ICAM 2026 → Istanbul, Turkiye 1st-3rd October 2026
- **2027 International Congress of Aviation and Space Medicine**

1st – 4th Nov 2027





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Thank you for your attention!

Dr Sally Evans MBE

**** For ICASM 2027 preparation**

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