

# ASMA-UHMS ANNUAL SCIENTIFIC SCHEDULE-AT-A-GLANCE

## SUNDAY, JUNE 1

7am-6pm	Registration open	
8am-5pm	Workshop: Management of decompression illness in remote settings	Courtland
8am-5:30pm	Workshop: Evaluating equipment for safe use in the hyperbaric or hypobaric environment	Regency VI
8am-5pm	Workshop: 4th Annual Aviation Mental Health: Progress, Challenges, Innovation & Evidence: Are Our Minds & Systems Getting Better?	The Learning Center
8am-5pm	Workshop: Aerospace Mishap Epidemiology - The Science of the Denominator	Hanover A

## MONDAY, JUNE 2

7am-4pm	Registration open									
	Centennial Ballroom									
8am-8:45am	OPENING CEREMONIES									
8:45am-10am	LOUIS H. BAUER LECTURE: Open Innovation at NASA - good ideas can come from anywhere – Jeffrey R. Davis, MD									
10:30am-12pm	ERIC P. KINDWALL MEMORIAL LECTURE: The Sagol Center for Hyperbaric Medicine: Experience with Treating IDF Soldiers - Shai Efrati, MD									
12pm-2pm	LUNCH (ON OWN), SPECIAL LUNCHEONS AND MEETINGS (see event app for listing)									
	Centennial Ballroom I	Centennial Ballroom II	Centennial Ballroom III	Centennial Ballroom IV	Regency V	Regency VI	Regency VII	Hanover C/D/E	Hanover F/G	Grand Hall East (Posters)
2pm-3:30pm	Cardiovascular Screening for Aircrew	Intrinsically Photosensitive Retinal Ganglion Cells	NASA's Medical Capability & Technology Development Activities for Missions to Mars	Bringing a Research Project to Fruition	Aerospace Medicine Potpourri	UHMS -see breakout Schedule-	Biomechanics and Physiology	FAA	Aeromedical Capability and Performance	UHMS Poster Sessions: A4-A9; B10-B21; B23-B33
4pm-5:30pm	Banish Neuro-Phobia: Aerospace Neurology for the Busy AME	The Necessity of an Aviation Psychology Specialty	Tooled for Space	Safety Centers: Year in Review 2024	Fast Beats and High Peaks	UHMS -see breakout Schedule-	G Factors	FAA	Aeromedical Operational and Clinical Psychology Branch Occupation Health Program 2024	UHMS Poster Sessions: A1-A3; B34-B50; B52-B60

## TUESDAY, JUNE 3

8am-4pm	Registration open
	Centennial Ballroom
8:30am-9am	ANNOUNCEMENTS
9am-10:15am	11TH EUGEN G. REINARTZ MEMORIAL LECTURE: Commercial Space, Human Spaceflight, the I.S.S. and the U.S. Return to the Moon - Mark N. Sirangelo, PhD
10:45am-12pm	UHMS CHRISTIAN J. LAMBERTSEN MEMORIAL LECTURE: Last Breath - Reasoning with life and death at the bottom of the North Sea. - Chris Lemons
12pm-2pm	LUNCH (ON OWN), SPECIAL LUNCHEONS AND MEETINGS (see event app for listing)

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	Centennial Ballroom I	Centennial Ballroom II	Centennial Ballroom III	Centennial Ballroom IV	Regency V	Regency VI (UHMS)	Regency VII	Hanover C/D/E	Hanover F/G	Grand Hall East (Posters)
2pm-3:30pm	Celebrating Over 50 Yrs of Aerospace Medicine Education, Training, & Research in the UK	Evaluating the Neuro-Physiological Markers of Non-Standard Oxygen Delivery Pressure	Impact of Spaceflight on the Brain – a Decade of MRI Imaging	Update: Advanced Disease Defense & UV-C Disinfection in Aviation	AAMIMO Grand Rounds I- Cross Cultural Clinical Cases in Aerospace Medicine	UHMS -see breakout Schedule-	Physiological and Cognitive Monitoring	FAA	Sleep Disorders as a Fatigue Factor in Aviation	Constellation of Space
4pm-5:30pm	USAF Aerospace Medicine Waiver Guide: Key Insights on PTSD, AUD, and TBI Seizure Risk	The Hypoxic Brain: Implications for Human Performance	Are PCMs Ready for Commercial Spaceflight?	Inflight Medical Emergency Response Capability. Current state, Learnings and Challenges	AAMIMO Grand Rounds II- Cross Cultural Clinical Cases in Aerospace Medicine	UHMS -see breakout Schedule-	Training Factors	FAA	Sleep, Fatigue, and Cognition	UHMS Poster Sessions: B62-B65 C66-C71; C73 D77-D93

## WEDNESDAY, JUNE 4

8am-4pm	Registration open									
	Centennial Ballroom I	Centennial Ballroom II	Centennial Ballroom III	Centennial Ballroom IV	Regency V	Regency VI (UHMS)	Regency VII	Hanover C/D/E	Hanover F/G	Grand Hall East (Posters)
8:30am-10am	Insulin Treated Diabetes – Regulatory & In-Flight Perspectives	Fatigue in Military Aviation	Fly Girls	Life Support Challenges	Pilot Spatial Disorientation Research, Modeling, and Training	UHMS -see breakout Schedule-	Visual and Vestibular Physiology and Performance	FAA	Resident in Aerospace Medicine (RAM) Grand Rounds I	To Automate or Not
10:30am-12pm	Shorter Time on DNIF Status	What Goes on in the Mind?	Aviation Accident Injury Severity and Prevention	Under Pressure: DCS	Assessment of Pilot's SA Using Non-obtrusive & Real-Time Measures	UHMS -see breakout Schedule-	Measuring Physiological Stress	FAA	Resident in Aerospace Medicine (RAM) Grand Rounds II	UHMS Poster Sessions: C74-C76 D94-D110 E114-E123
12pm-2pm	LUNCH (ON OWN), SPECIAL LUNCHEONS AND MEETINGS (see event app for listing)									
2pm-3:30pm	Blocked for the RAM Bowl Set-up	Blocked for the RAM Bowl Set-up	Above the Neck	Data 2 Decisions	Occurrences of Spatial Disorientation in Military Aviation	UHMS -see breakout Schedule-	Principles & Practices of Mary F Foley	FAA	To Work or Not to Work?	No, you can't fly
	Centennial Ballroom I & II									
4pm-5:30pm	15 <sup>th</sup> RAM BOWL									

# ASMA-UHMS ANNUAL SCIENTIFIC SCHEDULE-AT-A-GLANCE

## THURSDAY, JUNE 5

8am-2pm	Registration open									
	Centennial Ballroom I									
8am	ANNOUNCEMENTS									
8am-9:30am	HARRY G. ARMSTRONG / GEORGE B. HART LECTURE: Pressure Perils from Undersea to Outer Space Panel - Jon Clark, MD; Joe Dervay, MD; Mitch Garber, MD; Michael Gernhardt, PhD; Richard Moon, MD									
	Centennial Ballroom I	Centennial Ballroom II	Centennial Ballroom III	Centennial Ballroom IV	Regency V	Regency VI (UHMS)	Regency VII	Hanover C/D/E	Hanover F/G	Grand Hall East (Posters)
10am-11:30am	The Fast & the Curious: Charting New Frontiers in Aviation Medicine	Brain, Back and Beyond	VSS Unity Suborbital Flight Experience: Medical Outcomes and Lessons Learned	Surgery in Space	Aerospace Prostate Cancer Prevention Screening Model	UHMS -see breakout Schedule-	Utilization of Artificial Intelligence-Based Tools to Support Autonomous Medical Operations	FAA	Ventilation Blues	Can my Body Handle It
										UHMS Poster Sessions: B61 E111-E112 E124-E129 F130-F132
11:30am-1:30pm	LUNCH (ON OWN), SPECIAL LUNCHEONS AND MEETINGS (see event app for listing)									
	Centennial Ballroom I	Centennial Ballroom II	Centennial Ballroom III	Centennial Ballroom IV	Regency V	Regency VI (UHMS)	Regency VII	Hanover C/D/E	Hanover F/G	Grand Hall East (Posters)
1:30pm-3pm	Clinical Approaches to Complex Aeromedical Cases: Are They Safe for Duty?	Peer Support and Mental Health in Civil Aviation Across the Globe	Surveillance and Countermeasures for Space	Neuro and Biomechanics	Aviation Medicine in the New Nordic NATO Framework	UHMS -see breakout Schedule-	Applications of Artificial Intelligence to Combat Aviation Mishaps	Aeromedical Ethics Panel	ASAMS Board Review	Head, Shoulders, Knees & Toes for Space
3:30pm-5pm	Aerospace Medicine Advances in Ibero-America	Making Sense of Special Senses IV: Sensory Challenges	Super Models: Predicting Responses to Space	Simulator Sickness, Cybersickness, and the Vestibular System	When Aviation Medicine is Going Beyond Care Medicine	UHMS -see breakout Schedule-	The Good, the Bad, and the Ugly of Artificial Intelligence		ASAMS Board Review	

## FRIDAY, JUNE 6

7am-6pm	Workshop: Tropical and Subtropical Medicine: Operation Stone Mountain	Courtland
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COLOR CODE	Clinical Medicine	Human Performance	Space Medicine	Safety & Survivability/Travel	UHMS Track & Poster Sessions
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