

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

SUNDAY, JUNE 1

| | | |
|------------|---|---------------------|
| 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 |
| 8am-5pm | Workshop: Mind Hack: Frontiers in Mental Health and Neuromodulation | Hanover C |

FAA will be in Hanover C/D/E, Monday-Thursday.

MONDAY, JUNE 2

| | | | | | | | | | | |
|--------------|--|---|--|---|------------------------------|------------------------------|-----------------------------|----------------------------------|-----------------|-------------------------------------|
| | 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 F/G | Learning Center | Grand Hall East (Posters) |
| 2pm-3:30pm | Cardiovascular Screening for Aircrew | Intrinsically Photosensitive Retinal Ganglion Cells | Peri-Flight Musculoskeletal Injury Rates in Astronauts | Bringing a Research Project to Fruition | Aerospace Medicine Potpourri | UHMS -see breakout Schedule- | Biomechanics and Physiology | Visual and Vestibular Physiology | | UHMS Poster Sessions: A4-A9 B10-B33 |
| | | | | Aerospace Medicine Potpourri | | | | | | |
| | | | | Aerospace Medicine Potpourri | | | | | | |
| 4pm-5:30pm | Banish Neuro-Phobia: Aerospace Neurology for the Busy AME | The Necessity of an Aviation Psychology Specialty | Utilization of AI-Based Tools to Support Autonomous Medical Operations | Safety Centers: Year in Review 2024 | Fast Beats | UHMS -see breakout Schedule- | G Factors | Aeromedical Operational | | UHMS Poster Sessions: A1-A3 B34-B60 |

TUESDAY, JUNE 3

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| | 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) | | | | | | | | | |

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

| | Centennial Ballroom I | Centennial Ballroom II | Centennial Ballroom III | Centennial Ballroom IV | Regency V | Regency VI (UHMS) | Regency VII | Hanover F/G | Learning Center | 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 | Thumped and Dumped | UHMS -see breakout Schedule- | Physiological and Cognitive Monitoring | Neurology and Biomechanics | AAMIMO Grand Rounds- Cross Cultural Clinical Cases in Aerospace Medicine | Constellation of Space 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 | To Work or Not to Work To Work or Not to Work | UHMS -see breakout Schedule- | Training Factors | Sleep Fatigue Cognition | | UHMS Poster Sessions: B62-B65 C66-C73 D77-D93 |

WEDNESDAY, JUNE 4

| | Centennial Ballroom I | Centennial Ballroom II | Centennial Ballroom III | Centennial Ballroom IV | Regency V | Regency VI (UHMS) | Regency VII | Hanover F/G | Learning Center | Grand Hall East (Posters) |
|--------------|--|---------------------------------|--|--|---|------------------------------|--|---|--|--|
| 8:30am-10am | Insulin Treated Diabetes – Regulatory & In-Flight Perspectives | Fatigue in Military Aviation | Fly Girls Fly Girls Fly Girls | Life Support Challenges | Pilot Spatial Disorientation Research, Modeling, and Training | UHMS -see breakout Schedule- | Aeromedical Capability | Resident in Aerospace Medicine (RAM) Grand Rounds I | Applications of AI to Combat Aviation Mishaps | To Automate or Not To Automate or Not |
| 10:30am-12pm | Shorter Time on DNIF Status | What Goes on in the Mind? | NASA's Medical Capability & Technology Development Activities for Missions to Mars | Under Pressure: DCS Under Pressure: DCS | Peer Support & Mental Health in Civil Aviation Across the Globe | UHMS -see breakout Schedule- | Measuring Physiological Stress Measuring Physiological Stress | Resident in Aerospace Medicine (RAM) Grand Rounds II | Aviation Accident Injury Severity and Prevention | 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 | Simulator Sickness | UHMS -see breakout Schedule- | Principles & Practices of Mary F Foley | Resident in Aerospace Medicine (RAM) Grand Rounds III | Aeromedical Ethics Panel | No, you can't fly No, you can't fly |
| | Centennial Ballroom I & II | | | | | | | | | |
| 4pm-5:30pm | 15 th RAM BOWL | | | | | | | | | |

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

THURSDAY, JUNE 5

| 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 F/G | Learning Center | Grand Hall East (Posters) |
| 10am-11:30am | Sleep Disorders as a Fatigue Factor in Aviation | Occurrences of SD in Military Pilots | Head and Shoulders | Surgery in Space | Aerospace Prostate Cancer Prevention Screening Model | UHMS -see breakout Schedule- | Assessment of Pilot's SA Using Non-obtrusive & Real-Time Measures | Ventilation Blues | | Can my Body Handle It |
| | | | Head and Shoulders | | | | | | | Can my Body Handle It |
| | | | Head and Shoulders | | | | | | | 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 F/G | | Grand Hall East (Posters) |
| 1:30pm-3pm | Clinical Approaches to Complex Aeromedical Cases: Are They Safe for Duty? | The Good, Bad, & Ugly of Artificial Intelligence | Surveillance and Countermeasures for Space | The VSS Unity Suborbital Flight Experience | Aviation Medicine in the New Nordic NATO Framework | UHMS -see breakout Schedule- | Human Factors in USAF Aviation Operations | ASAMS Board Review | | Head, Shoulders, Knees & Toes for Space |
| | | | | | | | | | | 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 | Tooled up for Space Medicine | When Aviation Medicine is Going Beyond Care Medicine | UHMS -see breakout Schedule- | The Fast & the Curious: Charting New Frontiers in Aviation Medicine | ASAMS Board Review | | |
| | | | | Tooled up for Space Medicine | | | | | | |

FRIDAY, JUNE 6

| | | | | | | | | | | |
|---------|---|--|--|--|--|--|--|--|-----------|--|
| 7am-6pm | Workshop: Tropical and Subtropical Medicine: Operation Stone Mountain | | | | | | | | Courtland | |
|---------|---|--|--|--|--|--|--|--|-----------|--|

| COLOR CODE | Clinical Medicine | Human Performance | Space Medicine | Safety & Survivability/Travel | UHMS Track & Poster Sessions |
|------------|-------------------|-------------------|----------------|-------------------------------|------------------------------|
|------------|-------------------|-------------------|----------------|-------------------------------|------------------------------|