

# AsMA/UHMS Annual Scientific Meeting Schedule

## Peppermill Resort Hotel, Reno, NV

### May 22 - 27, 2022

**UHMS sessions will be in Tuscany 1 & 2. See UHMS Breakout Schedule for more information**  
**FAA will be in Capri 3 & 4, Monday–Thursday. See Addendum for FAA schedule.**

#### MONDAY, May 23

8:30-10:00 a.m. **OPENING CEREMONIES AND 67<sup>th</sup> LOUIS H. BAUER LECTURE—Tuscany C, D, E**

10:30 – 12:00 **UHMS KINDWALL LECTURE—Tuscany C, D, E**

	TUSCANY C, D, E	TUSCANY A	TUSCANY B	TUSCANY F	TUSCANY 3	TUSCANY 4	TUSCANY 12	TUSCANY 5/6
Noon-2:00 pm	<b>SPECIAL LUNCHEONS--CAMA, Navy, Air Force, Army, Aerospace Human Factors</b>							
2:00-3:30 p.m. p.m.	S-004 SPACE PANEL: Understanding & Modifying Intracranial Pressure & Spaceflight	S-005 CLINICAL PANEL: Riding the COVID-19 Wave: USAF Aircrew Data	S-006 HP SLIDE: Life in the Fast Lane: Acceleration Effects	S-007 CLINICAL PANEL: Meeting Mental Health Challenges in Aviation	S-008 ATM PANEL: Hypobaric during Aerovac in Research Models	S-009 HP PANEL: Operational Vision Threats & Requirements	S-010 SAFETY PANEL: Bringing a Research Project to Fruition	UHMS POSTERS
4:00-5:30 p.m. p.m.	S-011 SPACE PANEL: Clinical & Research Insights into SANS	S-012 CLINICAL PANEL: Aero-Neuroscience 2022-2032	S-013 HP SLIDE: Fatigue in Military & Commercial Aviation	S-014 CLINICAL PANEL: Show Me the Evidence: Int'l Debate on Non-Invasive Screening for CVD in Aircrew	S-015 ATM PANEL: Covid-19 Pandemic ASM Controversies & Lessons Learned	S-016 HP PANEL: Factors Impacting Cybersickness in Aviation Training	S-086 CLINICAL PANEL: Resident Grand Rounds: UTMB & AAMIMMO	

#### TUESDAY, May 24

8:30-10:00 a.m. **8<sup>th</sup> MEMORIAL REINARTZ LECTURE—Tuscany C, D, E**

10:30-12:00 a.m. Noon	S-018 CLINICAL PANEL: Beyond the 1% Rule: Aero-medical Risk Assessment in the 21 <sup>st</sup> Century	S-019 HP PANEL: Importance of Aeromedical Expertise in Naval Aviation Acquisition	S-020 CLINICAL PANEL: Lessons from WWIII: Global Pandemic	S-021 HP SLIDE: Aero- and Space-Related Training	S-022 SPACE PANEL: Cultivating the Ideal Medical/Surgical Officer for Exploration Class Space Missions	S-023 CLINICAL PANEL: Take a Deep Breath: NATO RTG299 Pulmonary Screening & Management in Aircrew	S-024 SPACE PANEL: Behavioral Health & Performance Operations & Research in Human Spaceflight	UHMS POSTERS
Noon-2:00 p.m.	<b>AEROPACE MEDICAL ASSOCIATION LUNCH AND BUSINESS MEETING</b>							
2:00 – 3:30 p.m. p.m.	S-025 SPACE PANEL: NASA's Exploration Atmospheres & EVA Strategies	S-026 HP PANEL: From Lab to Cockpit: Biomarkers of In-flight Exposure	S-027 HP PANEL: Making Sense of Special Senses: Mishaps and Near Mishaps	S-028 SAFETY PANEL: Safety Centers Year in Review	S-029 SPACE PANEL: Space Operations in the Time of COVID-19	S-030 CLINICAL PANEL: Clinical Cases & Aeromedical Decision Making	S-031 SPACE SLIDE: Spaceflight Analog Model Topics	UHMS POSTERS
4:00 – 5:30 p.m. p.m.	S-032 SPACE PANEL: Management of DCS and Crew Injury During Exploration EVA	S-033 HP PANEL: Sensory, Perceptual, and Cognitive Contributions to Pilot SD	S-034 OTHER PANEL: Women in Space: Lessons on Leadership	S-035 HP PANEL: Advancing Technology for Hypoxia Res. & Training in Aerospace Medicine	S-036 CLINICAL PANEL: Unusual Situations in Clinical Aviation (French)	S-037 CLINICAL PANEL: Selected Cases and Novel Solutions from Jr. Flight Surgeons	S-038 SAFETY SLIDE: Safety Salad: A Medley	UHMS POSTERS

#### WEDNESDAY, May 25

8:30-10:00 a.m. **UHMS LAMBERTSEN LECTURE – Tuscany C, D, E**

10:30-12:00 a.m. Noon	S-039 SPACE PANEL: Enabling Progressively Earth Independent Medical Operations for Human Space Exploration	S-040 HP SLIDE: Decompression Matters	S-041 CLINICAL PANEL: Deployed Comprehensive Medical Readiness Program for Flight Surgeons	S-042 CLINICAL PANEL: ASAMS: Aeromedical Risk Analysis: Practice Updates	S-043 SPACE SLIDE: From Physiology to Physical Fitness	S-044 CLINICAL PANEL: U.S. Navy Aerospace Medicine Residency Grand Rounds	S-045 OTHER SLIDE: From Foundation to Frontlines: Building Team Aerospace	S-046 HP POSTERS Pan Topic Look
Noon-2:00 p.m.	<b>SPECIAL LUNCHEONS – Aerospace Nursing Society, Aerospace Physiology Society, Society of NASA Flight Surgeons, Ibero-American Association of Aerospace Medicine, Wing</b>							
2:00 – 3:30 p.m. p.m.	S-047 SPACE PANEL: Emerging Medical Best Practices in Space Travel	S-048 HP SLIDE: Neck & Back Pain: Assess, Quantify, Mitigate	S-049 CLINICAL PANEL: Health Comprehensive Medical Readiness Program for Flight Surgeons	S-050 CLINICAL SLIDE: Head to Heart	S-051 SPACE PANEL: Developing an Extreme Environment Med. System: Lessons from Orion	S-052 CLINICAL PANEL: Treatment Plans in Aircrew Using Healthy Lifestyle Interventions: Part I	S-053 CLINICAL PANEL: Aerospace Dentistry	S-054 HP POSTERS Fatigue, Attention
4:00-5:30 p.m. p.m.	S-055 CLINICAL PANEL: RAM Bowl	S-056 HP SLIDE: Vision Topics	S-057 CLINICAL SLIDE: Sweet & Salty: Topics in Diabetes & Aging	S-058 CLINICAL SLIDE: Sans SARS: Coming Back Post-COVID	S-059 SAFETY SLIDE: The Spin Zone: Blades & Brains	S-060 CLINICAL PANEL: Treatment Plans in Aircrew Using Healthy Lifestyle Interventions: Part II	S-061 CLINICAL PANEL: Aerospace Medicine in Germany	

#### THURSDAY, May 26

8:15-9:15 a.m. **56<sup>th</sup> HARRY G. ARMSTRONG LECTURE—Tuscany C, D, E**

10:00-11:30 a.m. a.m.	S-062 SPACE PANEL: The Nuts & Bolts of Being a CMO for Private Space Companies	S-063 HP PANEL: Failure to Follow Procedures: The Role of Organizational, Situational, & Other Factors	S-064 SAFETY SLIDE: Aircraft & Caves	S-065 HP SLIDE: Respiratory Factors in Human Performance	S-066 CLINICAL PANEL: Advances in Aerospace Medicine in Ibero-America	S-067 CLINICAL PANEL: Advances in Aerospace Optometry & Ophthalmology	S-068 HP PANEL: Looking Backwards & Forwards for Better HP & HIS for Design, Test, and Ops	S-069 POSTERS SPACE MEDICINE Over the Horizon but Under the Radar
11:30 am-1:30 pm	<b>SPECIAL LUNCHEONS—Space Medicine Association</b>							
1:30-3:00 p.m. p.m.	S-070 SPACE SLIDE: Topics in Future Space Medical Architecture and Training	S-071 HP SLIDE: Factors Impacting Human Performance	S-072 ATM PANEL: SARS-COV-2 Vaccination: Effectiveness, Safety, Certification, & Vaccine 'Passports'	S-073 HP PANEL: Collaborative Development of Aircrew Physiological Monitoring, Warning, & Mitigation	S-074 CLINICAL PANEL: Headaches in Aviators	S-075 CLINICAL SLIDE: Aeromedical Policy: If You Try, Sometimes You Get What You Need	S-076 OTHER PANEL: Ethical Dilemmas in Aerospace Medicine	S-077 POSTERS OTHER Diversity in Aerospace Medicine
3:30-5:00 p.m. p.m.	S-078 SPACE PANEL: Clinical Decision Support for Exploration Spaceflight	S-079 HP PANEL: Machine Evolution & Human Adaption: Aeromed. Res. & Pilot-Physicians	S-080 HP SLIDE: Human Factors/Flight Planning in Aviation	S-081 HP SLIDE: Making Sense of Physiology	S-082 CLINICAL PANEL: USAF Resident Grand Rounds	S-083 CLINICAL PANEL: Still the Right Stuff? Aerospace Implications Post COVID-19	S-084 OTHER SLIDE: Extreme Environment Emergencies	S-085 POSTERS CLINICAL Cool Cases and Interesting Populations

COLOR CODE	HUMAN PERFORMANCE (HP)	CLINICAL MEDICINE	TRAVEL/AIR TRANSPORT MEDICINE (ATM)	SPACE MEDICINE	SAFETY	OTHER/HISTORY
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