Registration Information

Badge pickup at ADVANCE REGISTRATION is for anyone who has registered in advance!

Badges are issued only at the registration desk, which will be open Sunday through Thursday. For security reasons, admission to scientific sessions and exhibits is limited to those wearing badges. Please wear your badge at all times.

Registration Desk hours are as follows:
- Sunday 10:00 a.m. – 6:00 p.m.
- Monday 7:00 a.m. – 4:00 p.m.
- Tuesday 8:00 a.m. – 12:00 p.m.; 2:00 p.m. – 4:00 p.m.
- Wednesday 8:00 a.m. – 4:00 p.m.
- Thursday 8:00 a.m. – 2:00 p.m.

Exhibit hours: Sunday Welcome Reception, 6:30 p.m. – 8:30 p.m.;
- Monday and Tuesday 9:30 a.m. – 4:30 p.m.

AsMA Special Rooms

AsMA WING HOSPITALITY & REGISTRATION
Plaza Ballroom A
- Sunday, 1:00 p.m. – 5:00 p.m.
- Monday, 10:00 a.m. – 1:30 p.m.

FAA AME SEMINAR
Grand Hall LMN all week

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Undersea and Hyperbaric Medical Society and the Aerospace Medical Association. The Undersea and Hyperbaric Medical Society is accredited by the ACCME to provide continuing medical education for physicians.

LEARNING OBJECTIVES

Upon completion of this educational activity, attendees will:
- Learn about evolving trends and best practices in aerospace medicine;
- Apply principles of evidence-based medicine, operational risk management, and aeromedical decision-making in aircrew selection and clinical aerospace medicine practice;
- Analyze mechanical, human performance, and systems integration factors in aviation mishaps and safety programs;
- Identify mechanical, biological, social, cognitive, environmental stress, and systems factors that impact optimal human performance and decision-making in the full spectrum of aerospace operations;
- Apply ethical principles to aerospace medicine decision-making and foster competency in professionalism and systems-based practice in the application of aerospace medicine skills, teamwork, and interoperability in a multidisciplinary professional environment.

TARGET AUDIENCE

This continuing medical education activity should be of substantial interest to physicians and physicians-in-training in aerospace medicine. These aerospace medicine professionals include civilian Aviation Medical Examiners (AMEs), military flight surgeons, and flight surgeons supporting space medicine programs. Additional audiences include research professionals and other members of the aerospace medicine team (Flight Nurses, Aerospace Physiologists, Aerospace Psychologists, Human Factors Experts, Aerospace Medicine Physician Assistants, and others).

Complimentary Online Access

AGAIN THIS YEAR! All paid registrants will receive COMPLIMENTARY ONLINE ACCESS TO SESSION RECORDINGS. Online content will include speaker audio synced with Presentations, along with MP3 audio files. All files can be streamed or downloaded. Podiumcast will email log-in instructions 2–3 weeks after the meeting. Visit Podiumcast onsite in Chicago for a demo, or go to https://www.podiumcast.com.

Friday, May 3, 2024

COPE Meeting
Plaza Ballroom B 8:00 a.m. - 5:00 p.m.

IAMA Membership Committee Meeting
Plaza Ballroom A 3:00 p.m. - 4:00 p.m.

IAMA Executive Council Meeting
Plaza Ballroom A 4:00 p.m. - 6:00 p.m.

Saturday, May 4, 2024

IAMA Exhibits
Michigan 3 7:00 a.m. - 5:30 p.m.

IAMA Meal Room
Michigan 2 7:00 a.m. - 5:30 p.m.

IAMA Scientific Meeting
Michigan 1 7:30 a.m. - 5:30 p.m.

COPE Meeting
Plaza Ballroom B 8:00 a.m. - 5:00 p.m.

NATO RTG 360 Aviation Cardiology
Michigan Boardroom 8:00 a.m. - 5:00 p.m.

IAMA Reception and Dinner
Grand Hall G-J 6:00 p.m. - 10:00 p.m.
Sunday Workshops

Aerospace Epidemiology—The Science of the Denominator
Randolph 1A & 1B 8:00 a.m. - 5:00 p.m.
(Designation Statement: The Undersea and Hyperbaric Medical Society designates this live activity for a maximum of 8.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.)

Clear Skies Ahead—Achieving and Sustaining Mental Wellness in the Aerospace System of Tomorrow
Michigan 1 8:00 a.m. - 5:00 p.m.
(Designation Statement: The Undersea and Hyperbaric Medical Society designates this live activity for a maximum of 7.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.)

Understanding and Managing Fatigue in Aviation
Roosevelt 3A & 3B 8:00 a.m. - 3:00 p.m.
(Designation Statement: The Undersea and Hyperbaric Medical Society designates this live activity for a maximum of 6.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.)

Sunday, May 5, 2024

Aerospace Physiology Certification Review
Grand Suite 2B 7:00 a.m. - 4:00 p.m.
Aerospace Physiology Certification Testing
Grand Suite 2A 7:00 a.m. - 2:00 p.m.
AsMA Registration Committee Meeting
Michigan 2 8:00 a.m. - 9:00 a.m.
AsMA Council Meeting & Luncheon
Grand Ballroom A 8:00 a.m. - 2:00 p.m.
All NATO RTGs
Michigan Boardroom 8:00 a.m. - 5:00 p.m.
F-35 Aeromedical Community of Interest (ACOI)
Grand Hall LMN 8:00 a.m. - 6:00 p.m.
Aerospace & Operational Medicine Corporate Board
Roosevelt 1A & 1B 8:30 a.m. - 2:00 p.m.
IATA Medical Advisory Group
Roosevelt 2 9:00 a.m. - 4:00 p.m.
ABPM Maintenance of Certification Exam
Grand Suite 1 12:00 p.m. - 4:00 p.m.
ACGME RRC Updates
Grand Hall I 1:00 p.m. - 4:00 p.m.

Welcome to Chicago Reception
Riverside East, 6:30 p.m. - 8:30 p.m.
Sponsored in part by Mayo Clinic, the Institute for Behavior Research, and Franklin Scientific

Visit AsMA on Social Media!
Twitter/X: https://twitter.com/aero_med
FB: www.facebook.com/AerospaceMedicalAssociation
LinkedIn: www.linkedin.com/company/aerospace-medical-association-asma/

CAMA Sunday
Grand Hall I, 8:00 a.m. - 12:00 p.m.
(4 hours CME credit from AAFP)

8:00 a.m. - 9:00 a.m. Aubrey L. Florom-Smith, Ph.D., RN: Commercial Spaceflight: Future Steps—Implications for CAMA
9:00 a.m. - 10:00 a.m. Emmanuel Urquieta Ordonez, M.D., M.S.: Considerations in Commercial Spaceflight Human Research
10:00 a.m. - 10:15 a.m. BREAK
10:15 a.m. - 11:15 a.m. Charles H. “Chip” Dukes, M.D.: NASA’s Behavioral Health and Performance Services for Long-Duration Spaceflight Missions
11:15 a.m. - 12:15 p.m. Michael F. Harrison, M.D., Ph.D.: Would You Fly with This Commercial Astronaut?
Visit https://www.asma.org/scientific-meetings/asma-annual-scientific-meeting/schedule for more details.

CAMA Sunday is FREE & open to everyone.

AsMA Bylaws Committee
Michigan 2 3:00 p.m. - 5:00 p.m.
AsMA GLOC Committee
Roosevelt 1A & 1B 4:00 p.m. - 6:00 p.m.
AsMA Scientific Program Committee Meeting
Roosevelt 3A & 3B 4:00 p.m. - 5:00 p.m.
AsMA Session Chairs Meeting
Roosevelt 3A & 3B 5:00 p.m. - 6:00 p.m.
SMA Executive Committee Meeting
Plaza Ballroom B 6:00 p.m. - 7:00 p.m.
AsMA Foundation Board of Directors Meeting
Michigan 3 5:00 p.m. - 6:30 p.m.
U.S. Navy Aerospace Medicine Leaders Group
Roosevelt 2 5:00 p.m. - 7:00 p.m.
Aerospace Physiology Society Board of Governors Meeting
Michigan 2 5:00 p.m. - 8:00 p.m.
First Timers/New Members Meeting
Grand Hall I 6:00 p.m. - 6:30 p.m.

Visit AsMA on Social Media!
Twitter/X: https://twitter.com/aero_med
FB: www.facebook.com/AerospaceMedicalAssociation
LinkedIn: www.linkedin.com/company/aerospace-medical-association-asma/
Monday, May 6, 2024

Richard “Dick” Trumbo Preventive Medicine 5K
See maps to the right 5:00 a.m. - 8:00 a.m.
ASAMS Business Meeting & Breakfast
Grand Hall LMN 7:00 a.m. - 8:30 a.m.
AsMA Education and Training Committee
Michigan 2 7:00 a.m. - 8:00 a.m.
Society of USAF Flight Surgeons Board of Govenors Meeting
Roosevelt 1A & 1B 7:00 a.m. - 8:15 a.m.
Aerospace Human Factors Association (AsHFA) Meeting
Michigan 3 7:00 a.m. - 8:15 a.m.

Opening Ceremony
Grand Ballroom CDEF
7:30 a.m. Doors open
8:00 a.m. Welcoming remarks: Joseph Dervay, M.D., M.P.H., MMS, FACEP, FAsMA, FUHM, AsMA President
General Chair remarks: Jeffrey Sventek, M.S.
Nominating & Scientific Program Committee Reports
8:30 a.m. The 69th Louis Bauer Lecture
Lecturer: Dr. Harrison Schmitt, astronaut & former Senator
Topic: Human Space Adaptation - Apollo Experience - Honoring the Past ... Preparing for the Future
Educational support provided by KBR and AsMA
9:30 a.m. Exhibits open

ACC Breakout Session
Roosevelt 1A & 1B 9:30 a.m. - 10:30 a.m.
AsMA Corporate Members Committee Meeting
Michigan 2 9:30 a.m. - 10:30 a.m.
AsMA Scientific Program Committee Leadership Meeting
Grand Hall K 10:00 a.m. - 10:30 a.m.
German Society of Aerospace Medicine Meeting
Grand Hall K 12:00 p.m. - 2:00 p.m.

Monday Luncheons
12:00 p.m. - 2:00 p.m.
Society of USAF Flight Surgeons: Grand Ballroom CD North
Society of U.S. Army Flight Surgeons: Randolph 3
Aerospace Human Factors Association: Randolph 1A & 1B
U.S. Navy Luncheon: Roosevelt 3A & 3B
Civil Aviation Medical Association: Michigan 1
Speaker: Kris M. Belland, D.O., M.P.H.: U.S. Naval Strike and Air Warfare Center, Navy Fighter Tactics Instructor Program (TOPGUN): Carrier Air Wing Mishap Reduction Retrospective
AsMA Air Transport Medicine Committee Meeting
Roosevelt 1A & 1B 2:00 p.m. - 4:00 p.m.
Wing Welcome Reception
Plaza Ballroom A 2:00 p.m. - 4:00 p.m.

Richard “Dick” Trumbo Preventive Medicine 5K
DuSable Harbor Park, 6:00 a.m. - 7:30 a.m.
Meet in the hotel lobby at 5:00 a.m.
Walk from the Hyatt to the Park: 0.7 miles, ~15 minutes

Run/Walk route

Monday, May 6

SUSNFS Annual Membership Meeting
Roosevelt 3A &3B 5:00 p.m. - 6:30 p.m.
Aerospace Medicine Student and Resident Organization Meeting
Grand Hall K 5:30 p.m. - 7:30 p.m.
AsMA Science & Technology Committee Meeting
Roosevelt 3A & 3B 6:30 p.m. - 8:30 p.m.

Fellows Meeting & Dinner
Monday, May 6
AsMA Fellows Meeting (AsMA Fellows ONLY)
Grand Hall LMN 6:00 p.m. - 7:00 p.m.
AsMA Fellows Reception (AsMA Fellows & guests only)
Grand Hall Foyer 6:00 p.m. - 7:15 p.m.
AsMA Fellows Dinner (AsMA Fellows & guests only)
Grand Ballroom CD North 7:15 p.m. - 10:00 p.m.

Ever Upward
Visit AsMA's newsletter online for the latest news! Newsletters can be found at https://www.asma.org/news-events/newsletters or see https://www.asma.org/news-events/asma-news.
Tuesday, May 7, 2024

AsMA Finance Committee Meeting
Roosevelt 3A & 3B 7:00 a.m. - 8:00 a.m.

AsMA Editorial Board Breakfast
Michigan 2 7:00 a.m. - 8:00 a.m.

AsMA Associate Fellows Breakfast
Tuesday, May 7, 7:00 a.m. - 8:30 a.m.
Michigan 1

The Associate Fellows Group breakfast meeting is a great place to meet other fresh, enthusiastic leaders in Aerospace Medicine. Service awards and the Ellingson Literary Award will be presented.

AsMA History and Archives Committee Meeting
Roosevelt 1A & 1B 7:00 a.m. - 9:00 a.m.

10th Eugen Reinartz Memorial Plenary Session
Tuesday, May 7, 8:30 a.m. - 10:00 a.m.
Grand Ballroom CD South, EF

Panel topic: Space Operations - Honoring the Past ... Preparing for the Future
Panelists: Astronaut Joan Higginbotham; Astronaut Robert Cabana; Astronaut (Dr.) Joe Kerwin; and Astronaut (Dr.) Serena Auñón-Chancellor

Educational support provided by the Eugen G. Reinartz Endowed Fund

Aerospace Physiology Board Certification Business Meeting
Michigan 2 9:00 a.m. - 11:00 a.m.

ICAO Open Access Meeting
Michigan 3 10:00 a.m. - 12:00 p.m.

International Assoc. of Aerospace Dentistry (IAAD)
Michigan 2 11:00 a.m. - 12:00 p.m.

AsMA Lunch & Business Meeting
Tuesday, May 7, 12:00 p.m. - 2:00 p.m.
Grand Ballroom CD North

Open to ALL members!
Ticket purchase is required for LUNCH ONLY
It is important that we have at least 100 members present for this Business Meeting! Please attend and support YOUR association!

Alliance of Air National Guard Flight Surgeons Lunch
Randolph 1A & 1B 12:00 p.m. - 2:00 p.m.

International Aerospace Neuroscience Consortium
Roosevelt 3A & 3B 12:00 p.m. - 2:00 p.m.

AsMA Membership Committee Meeting
Michigan 2 1:00 p.m. - 2:00 p.m.

Society of U.S. Army Flight Surgeons Business Meeting
Michigan 3 1:30 p.m. - 4:00 p.m.

Meet the Editor and Journal Staff
The staff of AMHP will have a table in the registration area so you can chat to them. You can also sign up to be a reviewer.

Speed Mentoring 2
Plaza Ballroom 2:00 p.m. - 3:30 p.m.

IAASM General Assembly
Randolph 1A & 1B 3:30 p.m. - 5:30 p.m.

USAF Aerospace Physiology Meeting
Roosevelt 1A & 1B 4:00 p.m. - 7:00 p.m.

Aerospace Safety Committee Meeting
Michigan 3 4:00 p.m. - 5:30 p.m.

Space Surgery Association Meeting
Michigan 3 5:30 p.m. - 6:30 p.m.

AsMA Corporate Forum Reception (by invitation only)
Plaza Ballroom 5:30 p.m. - 6:30 p.m.

Int'l Assoc. of Military Flight Surgeon Pilots Reception & Meeting
Grand Hall LMN 5:30 p.m. - 7:00 p.m.

Harvard School of Public Health
Randolph 2 5:30 p.m. - 7:00 p.m.

ICAO CAPSCA Meeting
Grand Hall K 5:30 p.m. - 7:30 p.m.

Life Sciences & Biomedical Engineering Branch Meeting
Grand Ballroom CD North 6:00 p.m. - 9:00 p.m.

Reception to Honor International Attendees
Tuesday, May 7, 7:00 p.m. - 9:00 p.m.
Grand Hall I

Open to ALL—Ticket required
Sponsored by Environmental Tectonics Corporation

Wednesday, May 8

Canadian Society of Aerospace Medicine (CSAM) Breakfast
Randolph 1A & 1B 7:00 a.m. - 8:30 a.m.

AsMA Resolutions Committee Meeting
Roosevelt 3A & 3B 8:00 a.m. - 9:30 a.m.

NATO RTG 299 Pulmonary Screening of Aircrew
Monroe Boardroom 5 8:00 a.m. - 12:00 p.m.

European Aviation Medical Assessors’ Council
Randolph 3A & 3B 10:00 a.m. - 11:00 a.m.

Speed Mentoring 3
Plaza Ballroom 10:00 a.m. - 11:30 a.m.

USAF Pilot Physician Meeting
Michigan 2 12:00 p.m. - 2:00 p.m.

ESAM Meeting
Grand Hall K 12:00 p.m. - 2:00 p.m.
Wednesday Luncheons

12:00 p.m. - 2:00 p.m.

Aerospace Physiology Society: Randolph 1A & 1B
Aerospace Nursing & Allied Health Professionals Society: Roosevelt 1A & 1B
Society of NASA Flight Surgeons: Grand CD North
Iberoamerican Association of Aerospace Medicine Luncheon & Business Meeting: Roosevelt 3A & 3B

PACAF Flight Surgeons Conference
Randolph 3 12:30 p.m. - 1:30 p.m.
Air Mobility Command Breakout Business
Michigan 3 1:00 p.m. - 2:30 p.m.
NATO RTG 320 Fatigue Management in Aircrew
Monroe Boardroom 5 1:00 p.m. - 5:00 p.m.
Aerospace Physiology Certification Review Room
Michigan 3 3:00 p.m. - 5:00 p.m.
Aerospace Human Factors Association (AsHFA) Meeting
Roosevelt 1A & 1B 4:00 p.m. - 5:00 p.m.
FAA Office of Aerospace Medicine Meeting
Roosevelt 3A & 3B 4:00 p.m. - 5:45 p.m.
Ad Hoc Commercial Spaceflight Committee Meeting
Grand Ballroom CD North 4:00 p.m. - 6:30 p.m.
AsMA Aerospace Human Performance Committee Meeting
Michigan 3 5:00 p.m. - 6:00 p.m.
USAFSAM International Meeting
Monroe Boardroom 5 5:30 p.m. - 7:30 p.m.
AsMA Joint Council Meeting
Plaza Ballroom 6:00 p.m. - 6:45 p.m.

Thursday, May 9

Motion Sickness, Vestibular, Spatial Disorientation Researchers Breakfast (sponsored by Environmental Tectonics Corporation)
Randolph 1A & 1B 7:00 a.m. - 8:10 a.m.

58th Harry G. Armstrong Lecture
Thursday, May 9, 2024, 8:15 a.m. - 9:15 a.m.
Grand Ballroom CD South, EF

Lecturer: Lisa Kaltenegger, Ph.D., Director of the Carl Sagan Institute at Cornell University
Topic: Searching for Alien Earths and Life in the Cosmos
Educational support provided by Environmental Tectonics Corp and Axiom Space.

NOTE: All Thursday scientific sessions and luncheons begin a half-hour early.

Scientific Program Committee Leadership Meeting
Grand Hall J 9:15 a.m. - 9:45 a.m.
Aerospace Physiology Society Business Meeting
Roosevelt 1A 10:00 a.m. - 11:30 a.m.

Midway: This 1976 movie depicts the World War II Battle of Midway, after which Chicago’s Midway Airport is named. Starring Charlton Heston, Henry Fonda, James Coburn and many others, and directed by Jack Smight, this film chronicles the turning point of the war in the Pacific Theater. The film will be introduced with trivia and things to look for by the Chairman of the AsMA History and Archives Committee.

AsMA-ESAM-IAASM Luncheon & Meeting (by invitation only): Michigan 2
Space Medicine Association: Grand Ballroom CD North
Burton Acceleration Luncheon (by invitation only): Randolph 1A & 1B

AsMA Awards Committee Meeting
Michigan 2 3:45 p.m. - 5:00 p.m.

AsMA Honors Night Thursday, May 9, 2024

Reception - cash bar
Grand Ballroom Foyer/Grand Hall MN 6:00 p.m. - 7:00 p.m.
Banquet, awards, and honors
Grand Ballroom EF 7:00 p.m. - 9:00 p.m.
Honors Night after party (all are welcome; no ticket required)
Grand Ballroom CD 9:00 p.m. - 11:00 p.m.
Sponsored in part by Leidos, Pharmaflight, and Jeff and Debra Sventek

Friday, May 10

USAF Aerospace Medicine Corporate Board Meeting
Michigan 3 7:30 a.m. - 12:00 p.m.
TTCP Group
Michigan 2 8:30 a.m. - 4:00 p.m.
Department of Air Force Aerospace & Operational Medicine Enterprise Corporate Board
Michigan 1C 9:00 a.m. - 5:00 p.m.
Certification Refresher (AsMA); Grand Hall LMN
Please check the app for any changes.

**Friday Workshop**

Space Analog: Maritime Operations
Chicago Yacht Club  
7:00 a.m. - 5:00 p.m.
(Designation Statement: The Undersea and Hyperbaric Medical Society designates this live activity for a maximum of 8.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.)

**FAA Aviation Medical Examiner Seminar 2024**

For AME designation credit you must attend:

ALL (R) – REQUIRED SESSIONS
ONE EACH OF (F) – FLEXIBLE SESSIONS:

- CACI UPDATES
- SLEEP APNEA / FATIGUE
- MALIGNANCY
ONE (E) – ELECTIVE SESSION

You must return your registration and answer sheets no later than adjournment on Thursday to receive CME and seminar credit. These sheets will not be accepted after Thursday, May 25, 2024.

**CONTINUING MEDICAL EDUCATION**

The Civil Aerospace Medical Institute is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The AAFP has reviewed AME Refresher Training (AsMA) 2024 and deemed it acceptable for up to 19.00 Live AAFP Prescribed credits. Term of Approval is from 05/6/2024 to 05/9/2024. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This program is approved for up to 19 credits of Category 1-A by the American Osteopathic Association.

AAFP Prescribed credit is accepted by the American Medical Association as equivalent to AMA PRA Category 1 credit(s)™ toward the AMA Physician’s Recognition Award. When applying for the AMA PRA, Prescribed credit earned must be reported as Prescribed, not as Category 1.

This CME activity was developed by the Aerospace Medical Education Division of the FAA Civil Aerospace Medical Institute using only congressionally appropriated funds, and without any type of commercial sponsorship (monetary or in kind).

All speakers participating in this CME activity are required to disclose to the audience any significant financial interest or other relationship they may have with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial medical services discussed in their educational presentations. Significant financial interests or other relationships can include (but are not limited to) being an employee, consultant, representative, stockholder, or receiving grants or research support from such a commercial company. The intent of this disclosure is to provide the audience with information to enable them to determine whether the speaker’s interests or relationships may influence the presentation with regard to exposition or conclusion. The Aerospace Medical Education Division will not accept commercial support of any educational program.

It is the policy of the Aerospace Medical Education Division that the speaker discloses to the audience if a product is not labeled for the use under discussion or that a product is still investigational.
Instructions for Obtaining CME Credit
- Register for the conference and sign in for the activities, as required.
- Complete the online post-activity evaluation. Be sure to evaluate each session attended.
- After submitting the post-meeting evaluation, the CME or Nurse Contact Hours certificate will be sent to your email designated on the form. Please allow 1–2 days for the certificate to arrive in your inbox. The certificate will be sent from jsventek@asma.org. Please be sure to check your SPAM or JUNK folder.

Designation Statements
- The Undersea and Hyperbaric Medical Society (UHMS) designates this live activity for a maximum of 23 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
- Nursing Contact Hours: This nursing continuing professional development activity was approved by Montana Nurses Association, an accredited approver with distinction by the American Nurses Credentialing Center’s Commission on Accreditation.
- A Participation Certificate is available for those requiring proof of attendance and who cannot claim CME.

Full Disclosure Statement
All faculty members and planners participating in continuing medical education activities sponsored by the Aerospace Medical Association are expected to disclose to the participants any relevant financial relationships with ineligible companies. Full disclosure of faculty and planner relevant financial relationships will be made at the activity.

UHMS Disclaimer
The information provided at this CME activity is for Continuing Medical Education Purposes only. The lecture content, statements or opinions expressed, however, do not necessarily represent those of the Undersea and Hyperbaric Medical Society (UHMS), its affiliates or its employees.

Statement of Independence
The Aerospace Medical Association has a policy of ensuring the content and quality of this educational activity are balanced, independent, objective, and scientifically rigorous. The content of this activity was developed under the supervision of the Aerospace Medical Association’s Scientific Program Committee, according to the following specifications:
- All the recommendations involving clinical medicine in a CME activity must be based on evidence accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients.
- All scientific research referred to, reported, or used in CME in support or justification of a patient care recommendation must conform to the generally accepted standards of experimental design, data collection, and analysis.
- The Aerospace Medical Association has rigorously reviewed the content or format of the CME activity and/or its related materials to ensure they promote improved patient care, safety, value in healthcare and not a specific proprietary business interest of a commercial interest, as well as to confirm the presentations give a balance view of therapeutic options. Use of generic names will contribute to this impartiality. If the CME educational material or content includes trade names, where available trade names from several companies have been used, not just trade names from a single company.

Financial Relationships Disclosure Statement
All individuals in control of content for this educational activity with their relevant financial relationship disclosed are listed below (if applicable). An individual who declines to disclose relevant financial relationships will be disqualified from being in control of educational content at any time, and cannot have control of, or responsibility for, the development, management, presentation, or evaluation of the CME activity.

Financial relationships are relevant if the following three conditions are met for the individual who will control content of the education:
- A financial relationship, in any amount, exists between the person in control of content and an ineligible company.
- The content of the education is related to the products of an ineligible company with whom the person has a financial relationship.
- The financial relationship existed during the past 24 months.

The Aerospace Medical Association has reviewed all disclosures and resolved or managed all identified conflicts of interest, as applicable. Aerospace Medical Association Planners, Reviewers and Faculty/ Presenters associated with this activity reported no relevant financial relationships, except for the following:
- Stephen Harridge, Ph.D.; Faculty: BioAge, Inc. - Consultant
- Jeffery Hovis, O.D., Ph.D.; Faculty/Reviewer: ALCON Laboratories - Consultant
- Michael Pohlen, M.D.; Faculty: Covera, Inc. - Contractor
- Nathan Skelly, M.D.; Faculty: CONMED Corp. - Consultant

Appropriate Management of Commercial Support
The Aerospace Medical Association’s Scientific Program Committee has authority and complete control of the planning and implementation of this educational activity and attests to the fact that it was planned and implemented independent of grant support and in accordance with the ACCME’s Standards for Integrity and Independence in Accredited Continuing Education. The following have provided commercial support for this activity:
- Environmental Tectonics Corp.: $1,000 Exhibit Hall Coffee/Tea Service
- Environmental Tectonics Corp.: $2,500 Harry G. Armstrong Lecture Honorarium
- Environmental Tectonics Corp.: $5,000 Reception to Honor Multinational Attendees
- Environmental Tectonics Corp.: $3,500 International Acceleration Interest Group Luncheon
- Environmental Tectonics Corp.: $1,150 Disorientation Research Group Breakfast Policy on Unlabeled/Off-Label Use

ACCME policy allows off-label discussion, but does not allow a faculty to advocate for the test or treatment, or teach clinicians how or when to use it. When a CME activity includes information about an approach to diagnosis or treatment not generally accepted, it is allowable to facilitate debate and discussion about the approach, but it is not allowable to advocate for the test or treatment, or teach clinicians how or when to use it. Several strategies can be utilized to facilitate discussion about controversial topics without promoting unscientific care recommendations in accredited CME activities.

CME For MOC Program Guide Designation Statements for ABMS Boards
As an accredited ACCME provider, the UHMS is now responsible to submit physician learner CME credits into the ACCME PARS system. However, it is the physician’s responsibility to submit the necessary information required to match with the ACCME PARS system. It is also the physician’s responsibility to check with their respective board(s) to see that the credits were applied accordingly.

American Board of Anesthesiology (ABA)
“This activity contributes to the CME component of the American Board of Anesthesiology’s redesigned Maintenance of Certification in Anesthesiology™ (MOCA®) program, known as MOCA 2.0®. Please consult the ABA website, www.theABA.org, for a list of all MOCA 2.0 requirements.”

American Board of Internal Medicine (ABIM)™
“Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 23.0 MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.”

American Board of Otolaryngology – Head and Neck Surgery (ABOHNS)™
“Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn their required annual part II self-assessment credit in the American Board of Otolaryngology – Head and Neck Surgery’s Continuing Certification program (formerly known as MOC). It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of recognizing participation.”

American Board of Orthopaedic Surgery (ABOS)™
“Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn credit toward the CME of the American Board of Orthopaedic Surgery’s Maintenance
of Certification program. It is the CME activity provider’s responsibility to submit learner completion information to ACCME for the purpose of granting ABOS credit.

**American Board of Pathology (ABPath)**
This activity has been registered to offer 23.0 AMA PRA Category 1 Credits™ towards the American Board of Pathology’s Continuing Certification program Lifelong Learning credits.

**American Board of Pediatrics (ABP) ***
“Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn up to 23.0 MOC points in the American Board of Pediatrics’ (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider’s responsibility to submit learner completion information to ACCME for the purpose of granting ABP MOC credit.”

**American Board of Surgery (ABS) ***
“Successful completion of this CME activity [which includes participation in the evaluation component], enables the learner to earn credit toward the CME [and Self-Assessment] requirement(s) of the American Board of Surgery’s Continuous Certification program. It is the CME activity provider’s responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.”

**American Board of Thoracic Surgery (ABTS) ***
“Successful completion of this CME activity [which includes participation in the evaluation component,] enables the learner to earn credit toward the CME [and Self-Assessment] of the American Board of Thoracic Surgery’s Maintenance of Certification program. It is the CME activity provider’s responsibility to submit learner completion information to ACCME for the purpose of granting ABTS credit.”

***Will require evaluation feedback

Required instructions to learners on how to obtain CME for MOC
CME For MOC points are earned through completing a comprehensive evaluation component that assesses individual learner competence, performance, and/or the impact on patient outcomes. Some boards require evaluation feedback that will include a summary of what was discussed and the best next steps for the learner. The evaluation feedback will be provided to you upon submitting the evaluation form.

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**Exhibit Booths & Contact Information**

The AsMA Welcome to Chicago event will be held in the exhibit area on Sunday, May 5, from 6:30 - 8:30 p.m. Exhibits will be open during the reception, as well as between the hours of 9:30 a.m. and 4:30 p.m. Monday, May 6, and Tuesday, May 7.

**Coffee Service provided in part by ETC.**

<table>
<thead>
<tr>
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<td>All Wheels Up, Inc.</td>
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</tr>
<tr>
<td>Frisco, TX, United States</td>
<td></td>
</tr>
<tr>
<td>American Board of Preventive Medicine (ABPM)</td>
<td>205</td>
</tr>
<tr>
<td>Chicago, IL, United States</td>
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<tr>
<td>AMST – Systemtechnik GmbH</td>
<td>215</td>
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<tr>
<td>Ranshofen, Austria</td>
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<td><a href="http://www.amst.co.at/">http://www.amst.co.at/</a></td>
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<tr>
<td>AsMA Foundation</td>
<td>306</td>
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<tr>
<td>Alexandria, VA, United States</td>
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<td><a href="https://www.asma.org">https://www.asma.org</a></td>
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<tr>
<td>Case Western Reserve University</td>
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<tr>
<td>Cleveland, OH, United States</td>
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<tr>
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<tr>
<td><a href="http://www.etcus.com">http://www.etcus.com</a></td>
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<tr>
<td>Federal Aviation Administration, Office of Aerospace Medicine</td>
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</tr>
<tr>
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<td>International Museum of Surgical Science</td>
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<td>multiSIM BV</td>
<td>206</td>
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<tr>
<td>Soesterberg, Netherlands</td>
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<tr>
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<tr>
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<td>On-Demand Systems</td>
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<td><a href="http://www.on-demandusa.com">http://www.on-demandusa.com</a></td>
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See “Exhibitors”, p. 9
From "Exhibitors", p. 8

OneSource Solutions International (OSSI)  
Sudbury, MA, United States  
http://oss.international/

Pilot Mental Health Campaign  
Seattle, WA, United States  
http://www.phmc.org

U.S. Air Force Health Professions Recruiting  
Naperville, IL, United States

University of Texas Medical Branch  
Aerospace Medicine  
Galveston, TX, United States  
http://www.utmb.edu/spph/aerospace-medicine/home

Waggoner Diagnostics  
Bentonville, AZ  
https://waggonerdiagnostics.com/
### Aerospace Medical Association 94th Annual Scientific Meeting Schedule

**MONDAY, MAY 6**

#### GRAND BALLROOM

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00–10:00</td>
<td>OPENING CEREMONIES AND 69th LOUIS H. BAUER LECTURE</td>
</tr>
<tr>
<td>10:30 a.m.–12:00 p.m.</td>
<td>SPACE PANEL: Recent Developments in DCS Risk Mitigation</td>
</tr>
<tr>
<td>12:00 p.m.–2:00 p.m.</td>
<td>SPECIAL LUNCHEONS—CAMA, U.S. Navy, Society of U.S. Air Force Flight Surgeons, Society of U.S. Army Flight Surgeons, Aerospace Human Factors Association</td>
</tr>
<tr>
<td>2:00–3:30 p.m.</td>
<td>CLINICAL PANEL: Human Performance During Spaceflight</td>
</tr>
<tr>
<td>4:00–5:30 p.m.</td>
<td>SPACE PANEL: Sensorimotor Strategies for Exploration Success</td>
</tr>
</tbody>
</table>

### COLOR CODES

- **CLINICAL**
- **TRAVEL/AIR TRANSPORT**
- **HUMAN PERFORMANCE**
- **SPACE**
- **SAFETY**

The FAA Seminar will be in Grand Hall LMN all week.

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**GRAND BALLROOM CD SOUTH & EF—10th RENARTZ MEMORIAL PANEL**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:00–10:30 a.m.</td>
<td>SPACE PANEL: Recommendations for Screening Commercial Spaceflight Participants</td>
</tr>
<tr>
<td>10:30 a.m.–12:00 p.m.</td>
<td>HP PANEL: Connecting Physiology to Acceleration Tolerance</td>
</tr>
<tr>
<td>12:00 p.m.–2:00 p.m.</td>
<td>CLINICAL PANEL: Screening for Heart Disease in Aircrew</td>
</tr>
<tr>
<td>2:00–3:30 p.m.</td>
<td>SPACE PANEL: Lessons Learned in Commercial Space Medicine</td>
</tr>
<tr>
<td>3:30–5:00 p.m.</td>
<td>CLINICAL PANEL: Residents in Aerospace Medicine Grand Rounds I</td>
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**TUESDAY MAY 7**

#### GRAND BALLROOM

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30–10:00 a.m.</td>
<td>SPACE PANEL: Medical Ops Model at a Commercial Space Company</td>
</tr>
<tr>
<td>10:00 a.m.–12:00 p.m.</td>
<td>HP PANEL: Connecting Physiology to Acceleration Tolerance</td>
</tr>
<tr>
<td>12:00 p.m.–2:00 p.m.</td>
<td>CLINICAL PANEL: Residents in Aerospace Medicine Grand Rounds II</td>
</tr>
<tr>
<td>2:00–4:00 p.m.</td>
<td>SPACE PANEL: Lessons Learned in Commercial Space Medicine</td>
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<tr>
<td>4:00–6:00 p.m.</td>
<td>CLINICAL PANEL: Residents in Aerospace Medicine Grand Rounds III</td>
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**GRAND BALLROOM CD SOUTH & EF—OPENING CEREMONIES AND 69th LOUIS H. BAUER LECTURE**

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<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:30 a.m.–12:00 p.m.</td>
<td>SPACE PANEL: Recent Developments in DCS Risk Mitigation</td>
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<tr>
<td>12:00 p.m.–2:00 p.m.</td>
<td>CLINICAL PANEL: Human Performance During Spaceflight</td>
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<tr>
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<td>3:30–5:00 p.m.</td>
<td>CLINICAL PANEL: Residents in Aerospace Medicine Grand Rounds I</td>
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**MONDAY, MAY 6**

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<tr>
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<td>CLINICAL PANEL: Human Performance During Spaceflight</td>
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<tr>
<td>3:30–5:00 p.m.</td>
<td>SPACE PANEL: Lessons Learned in Commercial Space Medicine</td>
</tr>
<tr>
<td>5:00–7:00 p.m.</td>
<td>CLINICAL PANEL: Residents in Aerospace Medicine Grand Rounds II</td>
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**MONDAY, MAY 6**

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<table>
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**MONDAY, MAY 6**

#### GRAND SUITE 2&3

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<td>CLINICAL PANEL: Residents in Aerospace Medicine Grand Rounds II</td>
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</table>
### Wednesday, May 8

**Grand Ballroom CD South & EF**

**CD Suite 3**

**8:30 a.m.**

*Space Panel: Behavioral Health Ops & Research in Human Spaceflight*

*Clinical Panel: Medical Education Perspectives on Medical Readiness for Ops*

*Clinical Slides: AMSRO — Young Investigator*

**10:30 a.m.**

*Human Performance Panel: Tobacco, Physical Activity, and Performance in Space*

*Space Panel: Human Factors/Aeromedical Considerations*

**1:30 p.m.**

*Clinical Panel: Medical Education Perspectives on Medical Readiness for Ops*

*Clinical Slides: AMSRO — Young Investigator*

**4:30 p.m.**

*Space Panel: Medical Education Perspectives on Medical Readiness for Ops*

*Clinical Panel: Medical Education Perspectives on Medical Readiness for Ops*

*Clinical Slides: AMSRO — Young Investigator*

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### Thursday, May 9

**Grand Ballroom CD South & EF**

**Grand Ballroom A**

**Grand Ballroom B**

**Grand Hall CH**

**Grand Hall K**

**Grand Hall GH**

**Grand Hall I**

**Grand Suite 3**

**8:15 a.m.**

*Grand Ballroom CD South & EF — 58th Harry G. Armstrong Lecture*

**10:00 a.m.**

*Space Panel: UTMB — 30 Years of Excellence in Aerospace Medicine*

*HP Panel: Physiologic Episodes in High-Performance Aviation*

*Clinical Panel: Medical Education Perspectives on Medical Readiness for Ops*

*Clinical Slides: AMSRO — Young Investigator*

**11:30 a.m.**

*Space Panel: Out of This World*

*LP Panel: NASA HAPI Standardization Conference*

**1:30 p.m.**

*Space Panel: Commercial Spaceflight Medical Resources Review — “Castor”*

*HP Panel: Fatigue and Performance*

**3:30 p.m.**

*HP Panel: Human Body Modeling to Prevent Aircrew Injury*

*Clinical Panel: Aeromedical Ethics*

*Clinical Panel: Why Should I be Declared Unfit to Fly or Control?*

**6:00 p.m.**

*Space Panel: Commercial Spaceflight Medical Resources Review — “Castor”*

*HP Panel: Fatigue and Performance*

*Clinical Panel: Aeromedical Ethics*

*Clinical Panel: Why Should I be Declared Unfit to Fly or Control?*

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### Special Lunches

**Aerospace Physiology Society, Society of NASA Flight Surgeons, Iberoamerican Association of Aerospace Medicine, Aerospace Nursing and Allied Health Professionals Society**