Badge pickup at ADVANCE REGISTRATION is for anyone who has pre-registered!
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: 9:00 a.m.–5:00 p.m.
- Monday: 7:00 a.m.–4:00 p.m.
- Tuesday: 8:00 a.m.–12:00; 2:00 p.m.–4:00 p.m.
- Wednesday: 8:00 a.m.–4:00 p.m.
- Thursday: 8:00 a.m.–4:00 p.m.

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

REGISTRATION INFORMATION

AsMA SPECIAL ROOMS

AsMA WING HOSPITALITY & REGISTRATION & RECEPTION
TOWER COURT D
- Sunday: 1:00 – 5:00 p.m.
- Monday: 10:00 a.m. – 1:30 p.m.
- Tuesday: 8:00 – 9:00 a.m.
- Wednesday: 8:00 – 11:00 a.m.

WELCOME TO DENVER

SUNDAY, AUGUST 29
6:30 - 8:30 PM
EXHIBIT AREA
(Ticket Required)

Accreditation Statement (see also p. 7)
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, learners 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 on 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 multi-discipline 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).

AsMA SPECIAL ROOMS

AsMA WING HOSPITALITY & REGISTRATION & RECEPTION
TOWER COURT D
- Sunday: 1:00 – 5:00 p.m.
- Monday: 10:00 a.m. – 1:30 p.m.
- Tuesday: 8:00 – 9:00 a.m.
- Wednesday: 8:00 – 11:00 a.m.

MASKS WILL BE REQUIRED THROUGHOUT THE MEETING AREAS AND SESSION ROOMS

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 on-site in Denver for a demo. https://www.podiumcast.com

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AsMA SPECIAL ROOMS

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**COPE MEETING**
Columbine  
8:00 a.m. - 5:00 p.m.

**AEROSPACE PHYSIOLOGY CERTIFICATION BOARD TESTING**
Plaza Court 1  
7:00 a.m.-2:00 p.m.

**AEROSPACE PHYSIOLOGY CERTIFICATION BOARD REVIE**
Plaza Court 7  
7:00 a.m.-4:00 p.m.

**COPE MEETING**
Columbine  
8:00 a.m. - 5:00 p.m.

AsMA REGISTRATION COMMITTEE MEETING
Plaza Court 3  
8:00-9:00 a.m.

AsMA COUNCIL MEETING
Grand Ballroom II  
8:00 a.m.-2:00 p.m.

AF/SG WORKING GROUP
Grand Ballroom I  
8:30 a.m.-4:00 p.m.

FLIGHT AND OPERATIONAL MEDICINE CORPORATE BOARD
Plaza Court 6  
8:30 a.m.-2:00 p.m.

USAFSAM RESIDENCY ADVISORY COMMITTEE
Plaza Court 3  
10:00 a.m.-12:00 p.m.

ABPM MAINTENANCE OF CERTIFICATION EXAM
Director's Row J  
12:00-4:00 p.m.

AsMA BYLAWS COMMITTEE MEETING
Spruce  
3:00-5:00 p.m.

AsMA GLOBAL LIAISON AND OUTREACH COMMITTEE (GLOC) MEETING
Grand Ballroom II  
4:00-6:00 p.m.

SUSNFS ANNUAL MEMBERSHIP MEETING
Director's Row H  
4:00-6:00 p.m.

AsMA SCIENTIFIC PROGRAM SESSION CHAIRS MEETING
Director's Row J  
5:00-6:00 p.m.

**SUNDAY, AUGUST 29, 2021**

**SUNDAY WORKSHOPS**

**S-1 AIRCREW FATIGUE: CAUSES, CONSEQUENCES, AND COUNTERMEASURES**
Governor's Square 14  
9:00 a.m. – 4:00 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)

**S-2 FAM FLIGHT: INTRODUCTION TO AIRCREW SELECTION: TEST DEVELOPMENT, VALUATION, LEGAL ISSUES, AND AEROMEDICAL STANDARDS**
Governor's Square 12  
9:00 a.m. – 4:30 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)

**S-3 AEROSPACE MEDICINE FACULTY DEVELOPMENT**
Governor's Square 16  
12:00 p.m. – 3:00 p.m.  
(Designation Statement: The Undersea and Hyperbaric Medical Society designates this live activity for a maximum of 3.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity)

**SMA EXECUTIVE COMMITTEE MEETING**
Plaza Court 1  
5:00-6:00 p.m.

**US NAVY AEROSPACE MEDICINE LEADERS GROUP**
Plaza Court 5  
5:00-7:00 p.m.

**AsMA FOUNDATION BOARD OF DIRECTORS MEETING**
Plaza Court 6  
5:00-6:30 p.m.

**AEROSPACE PHYSIOLOGY SOCIETY BOARD OF GOVERNORS MEETING**
Plaza Court 4  
5:00-8:00 p.m.

**FIRST TIMERS/NEW MEMBERS MEETING**
Governor's Square 14  
6:00-6:30 p.m.

**SUNDAY WELCOME TO DENVER**
Exhibit Area  
6:30 - 8:30 p.m.

**MONDAY, AUGUST 30, 2021**

**OPENING CEREMONY**
MONDAY, AUGUST 30, 2021  
PLAZA BALLROOM

7:30 a.m. Doors open
8:00 a.m. WELCOMING REMARKS  
Charles DeJohn, D.O., M.PH., FAsMA  
President, Aerospace Medical Association  

GENERAL CHAIR REMARKS  
Jeffrey Sventek, M.S., General Chair  

NOMINATING COMMITTEE REPORT

SCIENTIFIC PROGRAM COMMITTEE REPORT

8:30 a.m.  
THE 66th ANNUAL LOUIS H. BAUER LECTURE  
Lecturer: Paul Friedrichs  

Topic: “The Urgency of Doing”  
Educational Support provided by KBR

9:30 a.m. Exhibits Open
MONDAY, AUGUST 30, 2021

SOCIETY OF USAF FLIGHT SURGEONS BOARD OF GOVERNORS MEETING
Plaza Court 1 7:00-8:15 a.m.

AEROSPACE HUMAN FACTORS ASSOCIATION MEETING
Plaza Court 4 7:00-8:15 a.m.

AsMA CORPORATE & SUSTAINING MEMBERSHIP COMMITTEE MEETING
Plaza Court 3 9:30-10:30 a.m.

USAF AIR COMBAT COMMAND FLIGHT SURGEONS MTG
Plaza Court 1 9:30-10:30 a.m.

NATO RTG 299 PULMONARY SCREENING OF AIRCREW WORKING GROUP
Plaza Court 3 12:00-6:00 p.m.

AsMA AIR TRANSPORT MEDICINE COMMITTEE
Spruce 2:00-4:00 p.m.

MONDAY LUNCHEONS

AEROSPACE HUMAN FACTORS ASSOCIATION LUNCHEON
Governor’s Square 16 12:00-2:00 p.m.

U.S. ARMY AVIATION MEDICAL ASSOCIATION LUNCHEON
Tower Court A 12:00-2:00 p.m.

SOCIETY OF U.S. AIR FORCE FLIGHT SURGEONS LUNCHEON
Grand Ballroom 1 12:00-2:00 p.m.

U.S. NAVY LUNCHEON
Windows 12:00-2:00 p.m.

CORPORATE FORUM LUNCHEON
Tower Court B 12:00-2:00 p.m.

CIVIL AVIATION MEDICAL ASSOCIATION LUNCHEON
Grand Ballroom II 12:00-2:00 p.m.

Keynote Speaker: William (Bill) R. Ercoline, PhD
Topic: Spatial Disorientation in Aviation
Approved for 1 hour CME by AAFP

WING WELCOME RECEPTION
(registrants only)
Tower Court D 2:30-4:30 p.m.

CANADIAN SOCIETY OF AEROSPACE MEDICINE
Silver 2:00-5:00 p.m.

SPEED MENTORING I
Tower Court A 3:30-5:30 p.m.

LIFE SCIENCES AND BIOMEDICAL ENGINEERING BRANCH MEETING & SOCIAL
Columbine 4:00-6:00 p.m.

TUESDAY, AUGUST 31, 2021

AMERICAN SOCIETY OF AEROSPACE MEDICINE SPECIALISTS (ASAMS) MEETING
Columbine 7:00-8:30 a.m.

AsMA EDUCATION & TRAINING COMMITTEE MEETING
Plaza Court 3 7:00-8:00 a.m.

AsMA FINANCE COMMITTEE MEETING
Plaza Court 2 7:00-8:00 a.m.

AsMA HISTORY & ARCHIVES COMMITTEE MEETING
Plaza Court 1 7:00-9:00 a.m.

ASSOCIATE FELLOWS BREAKFAST
TUESDAY, AUGUST 31, 7:00 - 8:30 A.M.
WINDOWS

The Associate Fellows Group breakfast meeting is a great place to meet other fresh enthusiastic leaders in Aerospace Medicine. Our breakfast will feature speakers who will discuss the importance of AsMA membership and details on committee participation. Service awards and the Ellington Literary Award will also be presented.

7TH MEMORIAL REINARTZ LECTURE
TUESDAY, AUGUST 31

GRAND BALLROOM 8:30-10:00 a.m.
7TH MEMORIAL REINARTZ LECTURE
Lecturer: Dr. Anthony Wagstaff
Title: “The Feedback Loop of Aerospace Medicine and Human Performance”
Educational Support provided by the Eugen G. Reinartz Endowed Fund

AEROSPACE PHYSIOLOGY CERTIFICATION BOARD BUSINESS MEETING
Plaza Court 4 9:00-11:00 a.m.

AsMA ANNUAL BUSINESS MEETING AND LUNCH
TUESDAY, AUGUST 31 12:00-2:00 p.m.
WINDOW

BUSINESS MEETING IS OPEN TO ALL MEMBERS
Ticket purchase required for LUNCH ONLY
It is imperative that we have at least 100 members present for this Business Meeting! Please attend and support YOUR association!
ICAO OPEN ACCESS MEETING
Columbine 10:00 a.m.-12:00 p.m.

SOCIETY OF U.S.ARMY FLIGHT SURGEONS BUSINESS MEETING
Governors Square 17 12:00-4:00 p.m.

AsMA MEMBERSHIP COMMITTEE MEETING
Plaza Court 2 1:00-2:00 p.m.

USAF AEROSPACE AND OP’S PHYSIOLOGY
Tower Court C 4:00-7:00 p.m.

AsMA SCIENCE & TECHNOLOGY COMMITTEE MEETING
Silver 4:30-6:30 p.m.

SPACE SURGERY ASSOCIATION
Columbine 5:00-6:00 p.m.

HARVARD SCHOOL OF PUBLIC HEALTH ALUMNI, FRIENDS, AND PROSPECTIVE STUDENTS RECEPTION
Governors Square 16 5:30-7:00 p.m.

AMSRO MEETING
Tower Court B 5:45-7:15 p.m.

INTERNATIONAL ASSOCIATION OF MILITARY FLIGHT SURGEON PILOTS (IAMFSP) RECEPTION/MEETING
Majestic Ballroom 5:30-7:00 p.m.

AsMA RECEPTION TO HONOR MULTINATIONAL MEMBERS
Tuesday, August 31, 6:30 - 8:30 p.m.
South Convention Lobby
Open to ALL------Ticket Required
(Sponsored by Environmental Tectonics Corporation)

WEDNESDAY, SEPTEMBER 1, 2021

AsMA RESOLUTIONS COMMITTEE MEETING
Plaza Court 4 8:00-9:30 a.m.

USAF PILOT-PHYSICIAN MEETING
Plaza Court 4 12:00-2:00 p.m.

PACAF FLIGHT SURGEONS CONFERENCE
Plaza Court 2 12:30-1:30 p.m.

AIR MOBILITY COMMAND BREAKOUT BUSINESS MTG
Director’s Row E 1:00-2:30 p.m.

INTERNATIONAL ASSOCIATION OF AEROSPACE DENTISTRY
Plaza Court 2 2:00-4:00 p.m.

AEROSPACE PHYSIOLOGY BOARD CERTIFICATION EXAM REVIEW
Governors Square 17 3:00-5:00 p.m.

WEDNESDAY LUNCHEONS

AEROSPACE NURSING AND ALLIED HEALTH PROFESSIONALS SOCIETY LUNCHEON
Tower Court C 12:00-2:00 p.m.

SOCIETY OF NASA FLIGHT SURGEONS LUNCHEON AND MEETING
Grand Ballroom 12:00-2:00 p.m.

AEROSPACE PHYSIOLOGY SOCIETY LUNCHEON
Governors Square 10 12:00-2:00 p.m.

IBERO-AMERICAN ASSOCIATION OF AEROSPACE MEDICINE LUNCHEON & BUSINESS MEETING
Directors Row H 12:00-4:00 p.m.

ALL ARE WELCOME TO ATTEND ANY SOCIETY EVENTS.

WING LUNCHEON AND BUSINESS MEETING
WEDNESDAY, SEPTEMBER 1, 2021
11:00 A.M. - 1:00 P.M.
The Yard House

INTERNATIONAL PULMONARY AND SLEEP WORKING GROUP
Plaza Court 6 3:00-5:00 p.m.

AEROSPACE HUMAN FACTORS ASSOCIATION MEETING
Silver 4:00-5:00 p.m.

FAA OFFICE OF AEROSPACE MEDICINE MEETING
Director’s Row H 4:00-5:45 p.m.

AsMA AEROSPACE HUMAN PERFORMANCE COMMITTEE MEETING
Governors Square 17 5:00-6:00 p.m.

USAFSAM INTERNATIONAL MEETING
Plaza Court 4 5:30-7:30 p.m.

THURSDAY, SEPTEMBER 2, 2021

AsMA COUNCIL MEETING (JOINT SESSION)
Silver 7:00-8:00 a.m.

MOTION SICKNESS, VESTIBULAR, SPATIAL DISORIENTATION RESEARCHERS BREAKFAST
Governors Square 10 7:00-8:10 a.m.

SEPTEMBER 2, 2021
55TH ANNUAL HARRY G. ARMSTRONG LECTURE
Grand Ballroom

8:15-9:15 a.m.
Lecturer: Dr. Serena Aunon-Chancellor
Title “The Future of Science in Low Earth Orbit”
(Educational support by Environmental Tectonics Corporation)

NOTE: ALL THURSDAY SCIENTIFIC SESSIONS AND LUNCHEONS BEGIN 1/2 HOUR EARLY.
ADDITIONS AND CORRECTIONS TO THE SCIENTIFIC PROGRAM

There were several errors in the designation of session chairs. Dr. Ernst Prochazka should be listed as Chair of the Slide Session “New Lessons in Aircrew Training”, Monday at 2:00 p.m., and Chair of the Poster Session on Safety and Environmental Medicine, Thursday morning at 9:30 a.m. We apologize for these errors. Additionally, many chairs could not attend and there will be many substitutions.

Many Slide and Panel Sessions will have a combination of pre-recorded and live presentations.

CANCELLATIONS

The following Panels have been cancelled in their entirety: S-11, S-44, S-48, S-55, S-59, S-65, S-68, S-70, S-74.

Withdrawn Abstracts: The following abstracts have been withdrawn, as of press time:

Because of the cancellation of the RAM Bowl this year, the session “Dilemmas of an Ethical Nature in Aerospace Medicine” will be a plenary session on Wednesday afternoon at 4:00 p.m. in the Grand Ballroom.

In addition, we are encouraging all poster presenters to be available to discuss their posters during the time slot from 4:00-5:30 p.m. on Wednesday. Please stop by and view their presentations.

There are numerous instances where the original presenter could not attend and the abstract will be presented by a colleague. Announcements will be made during the sessions.

HISTORIC FILM SERIES

Thursday, September 2, 2021
11:30 a.m. - 1:30 p.m.
Directors Row E

“Always”
1989; 2h, 2 min
Set in Colorado!
Steven Spielberg directs this heartwarming romantic adventure USA Today calls “a winner.” Pete Sandich (Richard Dreyfuss), the legendary pilot with a passion for daredevil firefighting. However Dorinda (Holly Hunter), the woman he loves, and Al (John Goodman), Pete’s best friend, know that legends can’t take risks forever. After sacrificing himself to save Al, the ace pilot faces his most challenging mission: helping Dorinda move on with her life. Breathtaking cinematography and exhilarating aerial choreography highlight this compelling adventure that co-stars Brad Johnson and features a special appearance by Audrey Hepburn.

Sponsored by the AsMA History and Archives Committee.
EXHIBIT BOOTH & CONTACT INFORMATION

The AsMA Welcome to Denver event will be held in exhibit area on Sunday, August 29, 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, August 30, and Tuesday, August 31. (All product names in the following descriptions are registered trademarks.)

Coffee Service provided in part by ETC.

COMPANIES. BOOTH NO.

Aerospace Medical Association Foundation 312
320 South Henry Street,
Alexandria, VA  22314-3579
703/739-2240, x 101
website: www.asma.org

Air & Surface Transport Nurses Association 401
13918 E Mississippi Ave., Suite 215
Aurora, CO 80012
Website: www.astna.org

Air Force Civilian Service 207
550 C Street West
Randolph AFB, TX 78150
210/565-5712
website: www.afciviliancareers.com

American Board of Preventive Medicine (ABPM) 107
111 West Jackson Blvd., Suite 1340
Chicago, IL 60604
Website: www.abpm.org

American College of Occupational and Environmental Medicine (ACOEM) 208
25 NW Point Blvd
Elk Grove Village, IL 60185
Website: www.acoem.org

Environics, Inc. 118
69 Industrial Park Road East
Tolland, CT 06084-2805
860/872-1111
website: www.environics.com

Environmental Tectonics Corp 111
125 James Way
Southampton, PA 18966
215/355-9100
e-mail: info@etcusa.com
website: www.etcusa.com

Gentex Corporation 101
324 Main Street
Carbondale, PA 18407
617/603-2477
website: www.gentexcorp.com

Henry M. Jackson Foundation for the Advancement of Military Medicine 105
6720A Rockledge Dr., Ste. 100
Bethesda, MD 20817
Website: www.hjf.org

Kinetic Adventure Medical Education 302
1530 PB Lane #L4522
Wichita Falls, TX 76302-2612
Website: https://cmeinmotion.com/

KBR 102
2400 NASA Parkway
Houston, TX  77058
281/212-1254
website: www.kbr.com

Medlock Consulting 214
6306 93rd Street
Lubbock, TX 79424
806/239-6952
website: www.medlockconsulting.com

Omni Medical Systems, Inc. 212
808 Hercules Dr
Colchester, VT 05446
www.omnimedicalsys.com

Qatar Emir, Air Force Center of Aviation Medicine 113
125 James Way
Southampton, PA 18966
215/355-9100

USDTL, United States Drug Testing Laboratories, Inc. 108
1700 S. Mount Prospect Road
Des Plaines, IL 60018
www.usdtl.com

ZOLL Medical Corporation 206
269 Mill Road,
Chelmsford, MA 01824-4105
978/421-9655 (9728)
800/348-9011 (Toll Free)
e-mail: info@zoll.com

EXHIBIT BOOTHS & CONTACT INFORMATION

Certain Touchpoint will be providing the mobile app for our meeting in Denver: AsMA Events. Choose: 91st Annual Scientific Meeting

Future AsMA Annual Scientific Meetings

May 22-26, 2022
Peppermill Resort Hotel, Reno, NV

May 21-25, 2023
Sheraton New Orleans Hotel, New Orleans, LA

May 5-9, 2024
Hyatt Regency Chicago, Chicago, IL

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 on-site in Denver for a demo. https://www.podiumcast.com
Financial Relationships Disclosure Statement

All persons (planners, reviewers, and faculty/presenters) in positions of authority and control of the content of this activity and/or its related materials must disclose all relevant financial relationships with commercial interests. This includes employment; consultancies; honoraria; ownership interest (equity in any firm, such as an equity partnership, stock ownership, equity options, etc.); ownership interests; expert testimony; royalties; and membership, officer, director, committee, or other positions of control of an organization of which the company is a member. 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 that is 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 is in support of, 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 improvements or quality in healthcare and not a specific proprietary business interest of a commercial interest, as well as to confirm that presentations give a balanced and impartial 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 persons (planners, reviewers, and faculty/presenters) in positions of authority and control of the content of this activity are required to disclose any relevant financial relationships (including those of a spouse/partner) occurring within the last 12 months with any commercial interests (as defined by the ACCME).

A commercial interest is any entity producing, marketing re-selling, or distributing health care goods or services consumed by, or used on, patients. The ACCME does not consider providers of clinical services directly to patients to be commercial interests.

Financial relationships are those relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honoraria for promotional speakers’ bureau, ownership interest (e.g., stocks, stock options or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor (including contracted research), consulting speaking and teaching, membership on advisory committees or review boards, panel membership, and other activities from which remuneration is received, or expected. ACCME considers relationships of the person involved in the CME activity to include financial relationships of a spouse or partner.

Conflict of Interest

Circumstances create a conflict of interest when an individual has an opportunity to affect CME content about products or services of a commercial interest with which he/she has a financial relationship. The intent of this disclosure is not to prevent CME planners, reviewers, faculty/presenters with relevant financial relationships from planning or delivery of content, but rather to provide learners with information that allows them to make their own judgments of whether these financial relationships may have influenced the educational activity.

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:

- Paulo Alves, MD; Faculty: Medaire, Inc. -- Employer
- Danyal Fer; Johnson & Johnson Medical Device--Research Funding and Consultant

All relevant financial relationships have been resolved prior to the start of this activity. Faculty (Presenter) disclosures will also be made at the beginning of each presentation.

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 Essential Areas and Elements, including the Standards for Commercial Support. The following have provided commercial support for this activity:

- Environmental Tectonics Corporation: $1,150 Spatial Disorientation Research Group Breakfast
- Environmental Tectonics Corporation: $5,000 Reception to Honor Multinational Attendees
- Environmental Tectonics Corporation: $3,500 International Acceleration Interest Group Luncheon
- Environmental Tectonics Corporation: $1,000 Exhibit Hall Coffee/Tea Service

Policy on Unlabeled/Off-Label Use

The Aerospace Medical Association has determined that disclosure of unlabeled/off-label or investigational use of commercial product(s) is informative for audiences and therefore requires this information to be disclosed to the learners at the beginning of the presentation. Uses of specific therapeutic agents, devices, and other products discussed in this educational activity may not be the same as those indicated in product labeling approved by the Food and Drug Administration (FDA). The Aerospace Medical Association requires that any discussions of such “off-label” use be based on scientific research that conforms to generally accepted standards of experimental design, data collection, and data analysis. Before recommending or prescribing any therapeutic agent or device, learners should review the complete prescribing information, including indications, contraindications, warnings, precautions, and adverse events.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00-9:30 a.m.</td>
<td>PLAZA BALLROOM—OPENING CEREMONIES AND 66TH Louis H. Bauer Lecture—Brig. Gen. (Dr.) Paul Friedricks</td>
</tr>
<tr>
<td>10:00-12:00 a.m.</td>
<td>HP PANEL: Cognitive Performance Testing for the Aerospace Environment</td>
</tr>
<tr>
<td>Noon-2:00 p.m.</td>
<td>SPECIAL LUNCHEONS—CAM, Navy, Air Force, Army, Aerospace Human Factors, Corporate Forum</td>
</tr>
<tr>
<td>2:00-3:30 p.m.</td>
<td>HP. SLIDE: In-Flight Fatigue Assessments for Military and Commercial Pilots</td>
</tr>
<tr>
<td>4:00-5:30 p.m.</td>
<td>HP. PANEL: What and Who Killed Kobe Bryant: A Modeling Perspective</td>
</tr>
<tr>
<td>4:00 - 5:30 p.m.</td>
<td>HP. PANEL: HYPorea Research from the Past to the Future</td>
</tr>
<tr>
<td>8:30-10:00 a.m.</td>
<td>GRAND BALLROOM—7th MEMORIAL REINARTZ LECTURE—Dr. Anthony Wagstaff</td>
</tr>
<tr>
<td>10:00-12:00 a.m.</td>
<td>HP PANEL: Lessons Learned &amp; Improvements for Enhancing Human Systems Integration</td>
</tr>
<tr>
<td>Noon-2:00 p.m.</td>
<td>AEROSPACE MEDICAL ASSOCIATION LUNCHEON AND BUSINESS MEETING</td>
</tr>
<tr>
<td>2:00–3:30 p.m.</td>
<td>HP PANEL: Short-Haul, Multi-Segment Flight Operations</td>
</tr>
<tr>
<td>4:00 - 5:30 p.m.</td>
<td>HP. PANEL: HYPorea Research from the Past to the Future</td>
</tr>
<tr>
<td>8:30-10:00 a.m.</td>
<td>HP PANEL: Making Sense of Special Senses</td>
</tr>
<tr>
<td>10:00-12:00 a.m.</td>
<td>HP PANEL: Degraded Vision in the Aerospace Environment</td>
</tr>
<tr>
<td>Noon-2:00 p.m.</td>
<td>Special Luncheons: Aerospace Physiology Society, Aerospace Human Factors Association, Space Medicine Society, Wing of AsMA, ANAHPS</td>
</tr>
<tr>
<td>2:00–3:30 p.m.</td>
<td>HP PANEL: Advances in Aerospace Medicine in Iberoamerica</td>
</tr>
<tr>
<td>4:00-5:30 p.m.</td>
<td>PANEL: Dilemmas of an Ethical Nature in Aerospace Medicine</td>
</tr>
<tr>
<td>8:15-9:15 a.m.</td>
<td>GRAND BALLROOM—56TH HARRY G. ARMSTRONG LECTURE—Dr. Serena Aunon-Chancellor</td>
</tr>
<tr>
<td>10:00-11:30 a.m.</td>
<td>HP PANEL: Human Performance and Neurological Effects of Hypoxia: Results of the Last 5 yr of Int’l Research</td>
</tr>
<tr>
<td>11:30 a.m. – 1:30 p.m.</td>
<td>SPECIAL LUNCHEONS—Space Medicine Association</td>
</tr>
<tr>
<td>1:30-3:00 p.m.</td>
<td>HP PANEL: What’s New with HYPorea?</td>
</tr>
<tr>
<td>3:00-5:00 p.m.</td>
<td>HP PANEL: Research &amp; Practical Considerations on the Use of Extended Reality in Naval Aviation</td>
</tr>
</tbody>
</table>

**COLOR CODES**

1. HUMAN PERFORMANCE (HP)  
2. CLINICAL MEDICINE  
3. TRAVEL & AIR TRANSPORT MEDICINE (ATM)  
4. SPACE MEDICINE  
5. SAFETY  
6. OTHER/ HISTORICAL