

# UHMS BREAKOUT SCHEDULE

<b>SUNDAY, MAY 17</b>		
0700-1200 & 1500-1800	Registration	
0800-1730	Workshop: Contemporary Issues in Diving Medicine	
0800-1730	Workshop: Hyperbaric Medicine Under Review: Lessons from Audits, Appeals, and Payer Policy Shifts	
1800-1830	New Members / New Attendees	
1830-2030	Welcome Reception with AsMA	
<b>MONDAY, MAY 18</b>		
0700-1600	REGISTRATION	
0800-0845	OPENING CEREMONIES	
0845-1000	LOUIS H. BAUER KEYNOTE: Redefining Readiness in the Sky: Development of Evidence-Based Recommendations to Update On-Board Medical Kits in the United States	John Lyng, MD, PhD
1000-1030	BREAK / EXHIBITS	
1030-1200	ERIC P. KINDWALL MEMORIAL LECTURE: Journey in Aerospace, hyperbaric medicine and beyond	Marc Robins, DO
1200-1400	LUNCH (ON OWN), SPECIAL LUNCHEONS AND MEETINGS (see event app for listing)	
1400-1500	PLENARY: SEEING IS BELIEVING: THE ROLE OF QUANTITATIVE BRAIN SPECT IMAGING IN EVALUATING TRAUMATIC AND TOXIC BRAIN INJURIES	TBD
1500-1530	PLENARY: COMMONALITY OF THERAPEUTIC ACTION: WHY HYPERBARIC OXYGEN HAS BENEFITS FOR DCS AND CO POISONING	Steve Thom, MD
1530-1600	BREAK / EXHIBITS	
<b>SESSION A - HBO2 THEORY AND MECHANISMS</b>		
1600-1610	ORAL: A1: Myelin basic protein expressing microparticles for high-risk CO poisoning diagnosis and inhibition by hyperbaric oxygen.	Stephen Thom, MD, PhD
1610-1620	ORAL: A2: The effect of hyperbaric oxygen on differentiating myoblasts and myotube length	Barbara St. Pierre Schneider, PhD
1620-1630	ORAL: A3: Hyperbaric Oxygen Therapy for Sudden Sensorineural Hearing Loss	Christopher Niemczak, AuD, PhD
<b>SESSION B - CLINICAL HBO2</b>		
1630-1640	ORAL: B1: Outcome of Patients Treated for Radiation Injuries At 2.0 ATA Versus 2.4 ATA, Dartmouth Registry	Lindell K. Weaver, FACP, FCCP, FCCM, FUHM
1640-1650	ORAL: B2: The iAGE Table: A Novel Hyperbaric Oxygen Therapy Protocol for Iatrogenic Arterial Gas Embolism	Caleb Rossin, D.O.
1650-1700	ORAL: B3: The impact of Microvascular Fluorescence Angiography (MFA) on healing and outcomes of hyperbaric oxygen therapy patients following lower extremity amputations complicated by flap ischemia	Gaurav Narula MD
<b>SESSION C - DECOMPRESSION THEORY AND MECHANISMS</b>		
1700-1710	ORAL: C1; The prevalence of arterialized venous gas emboli (AVGE) detected post-dive after 233 exposures.	Josh Currens
1710-1720	ORAL: C2: Establishing correspondence between bubble counting and Eftedal-Brubakk grading of post-dive echocardiograms: toward automated DCS risk estimation	Danica Grant
1720-1730	ORAL: C3. Alveolar Macrophage Responses to Increased Pressures and Dissolved Gases Using an Epithelial Cell Co-Culture Model	Abigail G. Harrell, M.S.

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<b>TUESDAY, MAY 19</b>		
0700-1600	REGISTRATION	
0815-08:30	ANNOUNCEMENTS	
0830-1000	EUGEN REINARTZ MEMORIAL LECTURE: Managing Spaceflight-Associated Motion Sickness: Outcomes of the Spaceflight Health Aggregated Research Evidence Database (SHARED) study.	Rebecca Blue, MD, Tom Marshburn, MD, PhD, Serena Aunon-Chancellor, MD; Amy Kreykes, MD
1000-1030	BREAK / EXHIBITS	
1030-1200	UHMS CHRISTIAN J. LAMBERTSEN MEMORIAL LECTURE:	Nick Bird, MD
1200-1400	LUNCH (ON OWN), SPECIAL LUNCHEONS AND MEETINGS (see event app for listing)	
1400-1445	UHMS INTERACTIVE PRESENTATIONS (POSTERS) A4, A5, A6, A7, A8-9, A10 B4, B5, B6, B7, B8, B9, B10, B11, B12, B13, B14, B15, B16, B17, B18, B19, B20, B21, B22, B23, B24, B25, B26, B27	Governor's Hall
1445-1530	Distress Submarine	Jay Dean, PhD
1530-1600	BREAK / EXHIBITS	
<b>SESSION D - DIVING MEDICINE</b>		
1600-1700	PLENARY: Diving fatalities investigations (standardizing data for law enforcement/medical examiners)	Frauke Tillmans, PhD;
1700-1710	ORAL: Low Diagnostic Yield of Routine Chest X-Ray in a 10-Year Cohort of Military Divers	Thijs Wingelaar MD PhD
1710-1720	ORAL: Applied Physiology of CNS Oxygen Toxicity: Mechanism in Humans. The Role of Sleep Deprivation	Emanuela Alina Pavel, MD
1720-1730	ORAL: Brain glymphatic and meningeal lymphatic structures in diving mammals: Dolphins as a model for brain waste clearance under diving stress	Olivia Jackson, MSc
<b>WEDNESDAY, MAY 20</b>		
0830-1000	PLENARY: INTERNATIONAL PANEL: AGE, immediate treatment of DCS	Bridget Devaney, PhD, Robert Weenink, Jason Chan
1000-1030	BREAK / EXHIBITS	
1030-1100	PLENARY: UHM FELLOWS: TOP ARTICLES IN UNDERSEA MEDICINE	Dwyer Roche, MD; Duke Fellow
<b>SESSION E - HBO2 OPERATIONS, CHAMBERS AND EQUIPMENT</b>		
1100-1110	ORAL: Acrylic Viewports Under Ballistic Fire: Pressure Integrity in Multiplace Hyperbaric Systems	Gray Ladd, CHT, HC-PD
1110-1120	ORAL: Technical - How to Use Echocardiography During Hyperbaric Oxygen	Fred Ashton, RT, BS
1120-1130	ORAL: Preparedness and Response of a Hyperbaric Oxygen Therapy Centre to Mass Casualty Carbon Monoxide Poisoning: Experience from a Major Fire Incident	Tang Kin Bong, FHKAM, MPH, MBChB(CUHK)
1130-1200	PLENARY: UHM FELLOWS: TOP ARTICLES IN HYPERBARIC MEDICINE	Derek Miletich, MD UCLA Fellow
1200-1400	LUNCH (ON OWN), SPECIAL LUNCHEONS AND MEETINGS (see event app for listing)	

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1400-1445	UHMS INTERACTIVE PRESENTATIONS (POSTERS): B28-B49; B50-51 and C4-C8 and D4	Governor's Hall
1445-1530	UHMS INTERACTIVE PRESENTATIONS (POSTERS): D5-D25 and E4-E13	Governor's Hall
1530-1600	BREAK / EXHIBITS	
1600-1700	PLENARY: Panel debate on the importance of registries (Moderators: Phil and Sandra)	Jay Buckley, MD & Caroline Fife, MD
1700-1730	PLENARY: ECMO facilitated hyperbaric oxygen therapy in severe carbon monoxide poisoning: a clinical case study	Ashwin Gopalan, MD
1930-2200	UHMS HONORS NIGHT	
<b>THURSDAY, MAY 21</b>		
0800-0930	HARRY G. ARMSTRONG KEYNOTE: A Space Analog Habitat Surgical Bay for Research, Education, Simulation, and Training for Space Medicine and Surgery	Kai Staats, MSc Bindhu Oommen, MD
0930-1000	BREAK	
1000-1130	KEVIN CORSON KEYNOTE: safety	
1130-1230	LUNCH (ON OWN), SPECIAL LUNCHEONS AND MEETINGS (see event app for listing)	
1230-1330	PANEL: BRINGING A RESEARCH PROJECT TO FRUITION: FROM CONCEPT TO JOURNAL PUBLICATION	Frederick Bonato, PhD; Douglas Boyd, PhD; Michael Wiggins, PhD; David Neuman, MD
ASSOCIATES BREAKOUT: Moderators: Liz and Neil ?		
1330-1400	PLENARY: CASE STUDIES OR ADVANCEMENTS IN HYPERBARIC MEDICINE IN THE PHILIPPINES	Romir Aglugub
1400-1500	PLENARY PANEL: MONO PLACE VERSUS MULTI PLACE, MULTI AND MONO; UTILIZATION OF STAFF, PHYSICAL CONCERNS FOR WORKERS, TRAINING NEEDED, THE ABILITY TO MANAGE SITUATIONS HANDS	Mono/Multi: Jacqueline Hocking Multi Critical Care: Gray Ladd
1500-1530	BREAK / EXHIBITS	
1530-1630	PLENARY PANEL: UNIFORMED STANDARDIZED PROTOCOL EDUCATIONAL CLASS WITH MORE ABOUT SAFETY, CLEANING AND MAINTENANCE OF HYPERBARIC FACILITIES	Jacqueline Hocking, Gus Gustavson, John Sullivan
1630-1700	PLENARY: THE ROLE OF THE NURSE IN HYPERBARIC MEDICINE	Tyler Kennett; Monica Skarban

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