

# ANNUAL CONGRESS CURRICULUM

## CURRICULUM COMMITTEE:

HUGH E. SCULLY, M.D., Co-Chair  
ROB SEAL, M.D., Co-Chair  
RICHARD JENNINGS, M.D.  
STEPHEN E. OLVEY, M.D.  
TERRY R. TRAMMELL, M.D.

## Tuesday, December 5, 2017

- 2:00 – 5:00 PM ANNUAL CONGRESS REGISTRATION  
JW Marriott Hotel, Griffin Exhibit Hall East - Foyer
- 5:00 – 7:00 PM ICMS ANNUAL CONGRESS RECEPTION  
JW Marriott Hotel, Griffin Exhibit Hall East - Room 209

## Wednesday, December 6, 2017

- 8:00 AM - 5:00 PM CONGRESS REGISTRATION AND SCIENTIFIC SESSIONS  
Indiana Convention Center (ICC), Room 206, Level 2
- 8:55 – 9:00 AM OPENING REMARKS  
Dan Marin, M.D., Chairman of the ICMS

## SCIENTIFIC SESSION ONE

SESSION ONE MODERATOR  
Richard Jennings, M.D., ICMS

- 9:00 - 9:30 AM ADDITIONAL FRONT PROTECTION FOR AN OPEN COCKPIT  
SINGLE SEATER RACE CAR  
Jeff Horton, Eng., Director of Engineering, Verizon IndyCar Series
- 9:30 – 10:00 AM CIRCUIT DESIGN AND CATCH FENCING UPDATES  
Jochen Braunwarth, Director Motorsport, Gebrugg AG, Switzerland
- 10:00 – 10:15 AM QUESTION AND ANSWER SESSION
- 10:15 – 11:00 AM MORNING REFRESHMENT BREAK

- 11:00 – 11:30 AM DEVELOPMENT OF NATIONALLY ACCREDITED TRAINING FOR MOTORSPORTS MEDICS  
Mark Tyler, M.D., CMO, Rockingham Speedway, England
- 11:30 – 12:00 PM RACE RESOURCE MANAGEMENT AND SIMULATION  
Fabian Berger, Human Factors Department, German Air Force
- 12:00 – 12:15 PM QUESTION AND ANSWER SESSION
- 12:15 – 1:45 PM FREE TIME FOR ATTENDEES (Lunch On Your Own)

## SCIENTIFIC SESSION TWO

SESSION TWO MODERATOR  
Terry Trammell, M.D., ICMS

- 1:45 – 2:15 PM RECENT RESEARCH IN DRIVER PHYSIOLOGY  
Ed Potkanowicz, Ph.D., Assist. Professor, Ohio Northern University
- 2:15 - 2:45 PM MINOR CONCUSSION WITH THE USE OF A TOO STIFF HEAD REST IN DTM  
Vincenzo Tota, M.D., Director, TechMed Medical Services, England
- 2:45 - 3:00 PM QUESTION AND ANSWER SESSION
- 3:00 – 3:45 PM AFTERNOON REFRESHMENT BREAK
- 3:45 - 4:15 PM SAFETY UPDATES FROM THE WORLD OF POWER BOAT RACING  
Bob Wartinger, M.S., President, UIM Safety/Medical Commission
- 4:15 - 4:45 PM SITUATIONAL SENSITIVITY AND CRISIS MANAGEMENT  
David Hakim, M.D., Physician, Trois Rivieres Grand Prix, Canada
- 4:45 – 5:00 PM QUESTION AND ANSWER SESSION
- 5:00 – 7:00 PM ICMS / PRI RECEPTION  
Lucas Oil Stadium Concourse (adjacent to the ICC)

## Thursday, December 7, 2017

- 7:00 – 9:00 AM PRI GRAND OPENING BREAKFAST (Program starts at 8:00 AM)  
Indiana Convention Center (ICC), Sagamore Ballroom, Level 2.  
Superstar team owner Chip Ganassi will join MAVTV's Dave  
Despain on the stage for this 30th Anniversary Event.
- 8:55 – 9:00 AM OPENING REMARKS  
Dan Marin, M.D., Chairman of The ICMS

## SCIENTIFIC SESSION THREE

SESSION THREE MODERATOR  
Hugh Scully, M.D., ICMS

- 9:00 – 9:30 AM ANNUAL UPDATE FROM THE FIA AND AUTO + MEDICAL  
Paul Trafford, M.D., Member, FIA Medical Commission
- 9:30 – 10:00 AM RACE TRUE -- ANTI-DOPING CASE STUDIES  
Sandra Silveira Camargo, FIA Head of Medical Affairs
- 10:00 – 10:15 AM QUESTION AND ANSWER SESSION
- 10:15 – 11:00 AM MORNING REFRESHMENT BREAK
- 11:00 – 12:00 PM [The Dan Q. Marisi Memorial Lecture \\*](#)  
REFLECTONS UPON MY CAREER IN MOTORSPORTS SAFETY  
AND RESCUE  
Mike Yates, EMT/P, Safety Director, Verizon IndyCar Series
- 12:00 – 12:15 PM QUESTION AND ANSWER SESSION
- 12:15 – 1:45 PM FREE TIME - VISIT PRI TRADE SHOW (Lunch On Your Own)

\* Dan Q. Marisi, Ph.D. was a co-founder of the Human Performance International (HPI) Laboratory at McGill University in Montreal and the International Council of Motorsport Sciences. Dan worked with many of the world's premiere motorsport competitors, including the late Ayrton Senna. The Dan Q. Marisi Memorial Lecture is presented each year at the ICMS Annual Congress to honor his work and commitment to motor racing and it's unique athletes.

## SCIENTIFIC SESSION FOUR

SESSION FOUR MODERATOR  
Steve Olvey, M.D., ICMS

- 1:45 - 2:45 PM **Annual Congress Panel Discussion**
- UPDATE ON OCULOMOTOR, VESTIBULAR, REACTION TIME (OVRT) TESTING
- Jim Buskirk, PT, Research Associate, Otolaryngology, Un. of Miami  
Naomi Deakin, MB, Department of Neurosurgery, Un. of Cambridge  
Terry Trammell, M.D., Drivers' Medical Advocate, IndyCar Series
- 2:45 - 3:00 PM QUESTION AND ANSWER SESSION
- 3:00 – 3:45 PM AFTERNOON REFRESHMENT BREAK
- 3:45 – 4:15 PM PHYSICAL RESPONSE TO DRIVING A RACE CAR  
David Ferguson, Ph.D. Assist. Professor, Michigan State University
- 4:15 - 4:45 PM CONCUSSION CONSIDERATIONS: RETURN TO COMPETITIVE RACECAR DRIVING  
Julia Daly, DPT, Sargent College of Health, Boston University
- 4:45 - 5:00 PM QUESTION AND ANSWER SESSION
- 5:00 - 5:15 PM ICMS BUSINESS MEETING (Members Only Please)  
Dan Marin, M.D., Chairman of The ICMS
- 5:00 – 7:00 PM PRI HAPPY HOUR  
Lucas Oil Stadium Concourse (adjacent to the ICC)

### SCHEDULE UPDATE - RACE TRACK SAFETY PROGRAM

The RTSP Seminar will be held at the IMMI Conference Center located in Westfield, Indiana just North of Indianapolis. For those going to the IMMI Center that are registered for the ICMS Annual Congress, a complimentary motor coach will depart from the JW Marriott Hotel on Friday at 7:45 am and will return to the hotel complex following the conclusion of the RTSP Seminar.

Friday, December 8, 2017

## SCIENTIFIC SESSION FIVE

SESSION FIVE MODERATOR  
Rob Seal, M.D., ICMS

8:00 - 12:00 PM RACE TRACK SAFETY PROGRAM REGISTRATION  
IMMI Convention Center, Westfield, Indiana, 46074

8:55 - 9:00 AM OPENING REMARKS  
Dan Marin, M.D., Chairman of the ICMS

### **RACE TRACK SAFETY PROGRAM**

IMMI Convention Center, Westfield, Indiana, 46074

9:00 – 9:30 AM PARAMEDICS: FROM THE STREET TO THE TRACK  
Blaine Bates, A-EMCA, Canadian Motorsports Response Team

9:30 – 10:00 AM NEW CAR TECHNOLOGY ON RACE TRACKS  
Stephen Martin, R.N., Lead Instructor, ESI Rescue Equipment

10:00 – 10:15 AM QUESTION AND ANSWER SESSION

10:15 – 10:45 AM MORNING REFRESHMENT BREAK

10:45 - 11:15 AM HEMORRHAGE CONTROL OF AN ENTRAPPED DRIVER  
Tressa Naik, M.D., Assist. Med. Dir., Las Vegas Motor Speedway

11:15 - 11:45 AM AIRWAY MANAGEMENT OF AN ENTRAPPED DRIVER  
Rob Seal, M.D., Med. Dir., Canadian Motorsports Response Team

11:45 – 12:00 PM QUESTION AND ANSWER SESSION

12:00 - 1:00 PM LUNCH WITH OUR GUEST SPEAKER (Lunch Will Be Provided)  
Charlie Kimball, Driver, Verizon IndyCar Series

### **PRACTICAL TRAINING SESSIONS**

IMMI Convention Center, Westfield, Indiana, 46074

1:00 – 4:30 PM HELMET AND HEAD RESTRAINT REMOVAL TECHNIQUES  
Kathryne Faccenda, M.D., Canadian Motorsports Response Team

SPINAL IMMOBILIZATIONS DURING DRIVER EXTRICATION PROCEDURES

Paul Kennedy, EMT/P, Canadian Motorsports Response Team

HYDRAULIC AND MANUAL TOOL CUTTING OF CHASSIS ROLLCAGES FOR SAFER DRIVER EXTRICATION

Peter Fiset, Regional Manager, Holmatro Rescue Equipment

LIVE FIRE SUPPRESSION PRACTICE \*

Doug Bailey, Director, Canadian Region, ANSUL

AIRWAY MANAGEMENT WITH DRIVER IN THE CAR \*

Rob Seal, M.D., Med. Dir., Canadian Motorsports Response Team

HEMORRHAGE CONTROL OF LOWER EXTREMITIES WITH DRIVER IN THE CAR \*

Bobby Lewis, M.D., Medical Director, Talladega Superspeedway

ROLLOVER CONTROLLED MOVEMENT \*

Jake Steele, Safety Director, Kalamazoo Track Services

**RACE TRACK SAFETY TEAM DEMONSTRATIONS**

IMMI Convention Center, Westfield, Indiana, 46074

4:30 - 5:00 PM DEMONSTRATIONS BY ELITE MOTORSPORT SAFETY RESPONSE TEAMS

Rob Seal, M.D., Session Moderator

5:00 - 5:05 PM RACE TRACK SAFETY PROGRAM SUMMARY

Dan Marin, M.D., Chairman of The ICMS

\* Designates New Hands-on Workshops for 2017

**UTMB Office of Continuing Education CME Certification for the ICMS Annual Congress**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council of Continuing Medical Education (ACCME) through the joint providership of The University of Texas Medical Branch at Galveston and **International Council of Motorsport Sciences (ICMS)**. The University of Texas Medical Branch at Galveston is accredited by ACCME to provide continuing medical education for physicians.

The University of Texas Medical Branch at Galveston designates this live activity for a maximum of **17.5 AMA PRA Category 1 Credits**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.