

# ANNUAL CONGRESS CURRICULUM

## CURRICULUM COMMITTEE

Tara Amenson, Ph.D.  
Richard Jennings, M.D.  
Steve Olvey, M.D.  
Hugh E. Scully, M.D.  
Rob Seal, M.D.

## Tuesday, December 10, 2019

- 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 206

## Wednesday, December 11, 2019

- 8:00 AM - 5:00 PM CONGRESS REGISTRATION AND SCIENTIFIC SESSIONS  
Indiana Convention Center (ICC), Room 243, Level 2
- 8:55 – 9:00 AM OPENING REMARKS  
Dan Marin, M.D., Chairman of the ICMS

## SCIENTIFIC SESSION ONE

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

- 9:00 - 9:30 AM EFFECTS OF CUMULATIVE HEAD ACCELERATIONS ON OVRT  
TEST PERFORMANCE  
Kimberly Van Ryzin, MD, Research Fellow, IU Dept of Emerg. Med.
- 9:30 – 10:00 AM CONCUSSION IN MOTORSPORT (RESCUE-RACER) – AN  
UPDATE ON YEAR 1  
Naomi Deakin, MB, Research Assoc., Un. of Cambridge, England
- 10:00 – 10:15 AM QUESTION AND ANSWER SESSION
- 10:15 – 11:00 AM MORNING REFRESHMENT BREAK (Networking Opportunity)

- 11:00 – 11:30 AM EXPERIENCE WITH FRONTAL CAMERAS IN THE PORSCHE GT3 SERIES  
Dino Altmann, MD, Vice President, FIA Medical Commission, Brazil
- 11:30 – 12:00 PM DESIGNING AND IMPLEMENTING SCREENING PROTOCOL FOR mTBI IN RACING  
Preston Calvert, MD, Neurology, Johns Hopkins Un School of Med.
- 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  
Tara Amenson, Ph.D.

- 1:45 - 2:15 PM TECHNOLOGY ADVANCES IN DRIVER PROTECTION  
Jeff Horton, Eng., Director, W H Engineering
- 2:15 - 2:45 PM VIRTUAL ATLS PROGRAM FOR MOTORSPORTS  
Antonio Marttos Jr. MD. Assoc. Prof. Surgery, University of Miami
- 2:45 - 3:00 PM QUESTION AND ANSWER SESSION
- 3:00 – 3:45 PM AFTERNOON REFRESHMENT BREAK (Networking Opportunity)
- 3:45 - 4:45 PM [Annual Congress Panel Discussion](#)
- WOMEN AS OFFICIALS, DRIVERS AND ENGINEERS IN INTERNATIONAL MOTORSPORT  
Karyn Lun, MBBS, Chief Medical Officer, Gold Coast G P, Australia  
Lyn St. James, Racecar Driver, Indy 500 Rookie of the Year  
Cara Adams, Chief Engineer, Bridgestone Americas Motorsports
- 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 12, 2019

- 7:00 – 9:00 AM PRI GRAND OPENING BREAKFAST (Program starts at 8:00 AM)  
Indiana Convention Center (ICC), Sagamore Ballroom, Level 2.  
The Don Schumacher Racing Team drivers will join emcee Ralph Sheheen of SPEED SPORT for a lively and entertaining discussion.
- 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, MD, Member, FIA Medical Commission, England
- 9:30 – 10:00 AM UPDATE FROM THE FIA MEDICAL COMMISSION  
Dino Altmann, MD, Vice President, FIA Medical Commission, Brazil
- 10:00 – 10:15 AM QUESTION AND ANSWER SESSION
- 10:15 – 11:00 AM MORNING REFRESHMENT BREAK (Networking Opportunity)
- 11:00 – 12:00 AM [The Dan Q. Marisi Memorial Lecture \\*](#)  
URBAN TACTICAL DRIVING FOR SECRET SERVICE AND  
STATE DEPARTMENT STAFF  
Wesley Wong, Former Head of the FBI Driving School, Quantico
- 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 its unique athletes.

# SCIENTIFIC SESSION FOUR

## SESSION FOUR MODERATOR

Richard Jennings, M.D., ICMS

- 1:45 - 2:15 PM     CIRCUIT DESIGN AND CONSTRUCTION  
Jarno Zaffelli, Director, Dromo Circuit Design, Italy
- 2:15 – 2:45 PM     COMPUTER MODELING OF IMPACT STRUCTURES FOR  
SINGLE SEATER RACE CARS  
Hamid Dalir, PhD, Associate Prof, Purdue School of Engineering
- 2:45 - 3:00 PM     QUESTION AND ANSWER SESSION
- 3:00 – 3:45 PM     AFTERNOON REFRESHMENT BREAK (Networking Opportunity)
- 3:45 – 4:15 PM     RESPIRATORY PROTECTION FOR FIRST RESPONDERS  
Stephen Martin, RN, Lead Instructor, ESI Rescue
- 4:15 - 4:45 PM     HEMORRHAGE CONTROL UTILIZED BY MEDEVAC TEAMS  
Jay Johannigman, MD, Director, Un Cincinnati Inst. Military  
Medicine
- 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)

Friday, December 13, 2019

## **RACE TRACK SAFETY PROGRAM**

Lucas Oil Stadium, Indianapolis, Indiana 46225 \*

\* The RTSP is being held at the Lucas Oil Stadium adjacent to the Indiana Convention Center in downtown Indianapolis. For those going to the RTSP that are registered for the ICMS Annual Congress you can use the Skywalk System from the JW Marriott Hotel on Friday to access the Race Track Safety Program in the stadium.

## **PRACTICAL TRAINING SESSION**

### **SESSION MODERATOR**

Rob Seal, M.D., ICMS

- |                  |   |
|------------------|---|
| 8:00 - 9:00 PM   | <b>RACE TRACK SAFETY PROGRAM REGISTRATION</b><br>Lucas Oil Stadium, South Entrance, Field Level   |
| 8:55 - 9:00 AM   | <b>OPENING REMARKS</b><br>Dan Marin, M.D., Chairman of the ICMS   |
| 9:00 – 10:00 AM  | <b><u>HELMET AND HEAD RESTRAINT REMOVAL TECHNIQUES AND HELMET CUTTING</u></b><br>Kathryne Faccenda, M.D., Canadian Motorsports Response Team  |
|                  | <b>SPINAL IMMOBILIZATIONS DURING DRIVER EXTRICATION PROCEDURES</b><br>Dave Audley, Training Supervisor, Charlotte Motor Speedway              |
| 10:00 - 11:00 AM | <b><u>HEMORRHAGE CONTROL OF LOWER EXTREMITIES WITH DRIVER IN THE CAR</u></b><br>Tressa Naik, M.D, Assist. Med. Dir., Las Vegas Motor Speedway |
|                  | <b>DRIVER EXTRICATION FROM RACE CHASSIS AND OPEN WHEEL TUBS</b><br>AMR IndyCar Safety Team Crew Members                                       |
| 11:00 - 12::00   | <b><u>RAPID EXTRICATION AND CAR ON ROOF EXTRACTION</u></b><br>David Hakim, M.D., Medical Director, Trois-Rivieres Grand Prix                  |
|                  | <b>DRIVER / MEDIC INTERACTION FOUND IN CAR</b><br>Blaine Bates, Paramedic, Canadian Motorsports Response Team                                 |
| 12:00 - 1:00 PM  | <b>LUNCH WITH OUR GUEST SPEAKER (Lunch will be provided)</b>  |

- 1:00 – 2:00 PM      AIRWAY MANAGEMENT WITH DRIVER IN THE CAR  
Rob Seal, M.D., Med. Dir, Canadian Motorsports Response Team
- MEDICAL CENTER CHALLENGES AND DRIVER EVALUATION  
Angi Fiege, M.D., Medical Director, NASCAR Safety Team
- 2:00 – 3:00 PM      HYDRAULIC AND MANUAL TOOL CUTTING OF CHASSIS  
ROLLCAGES & VEHICLES FOR SAFER DRIVER EXTRICATION  
Dan Crowbridge, Training Manager, Holmatro Rescue Equipment
- ROLLOVER CONTROLLED MOVEMENT AND DRIVER  
REMOVAL  
Chad McGunegill, Chief of Course, The Concours Club
- 3:00 – 4:00 PM      LIVE FIRE SUPPRESSION PRACTICE  
Doug Bailey, Director, Canadian Region, ANSUL
- FIRE PATHWAY TO LIFE  
Ray Henry, ESI Race Track Safety Services, Ret Career Firefighter
- 4:00 - 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

### 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 **16.0 AMA PRA Category 1 Credits**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.