



**WISHES YOU HAPPY  
HOLIDAYS AND A  
HAPPY NEW YEAR!**

## ADVANTAGE FORENSICS NEWS

Our President, Jason Young, was featured as an expert panelist on Nighttime Photography & Videography at this year's Human Factors and Ergonomics Society meeting in Austin, Texas.

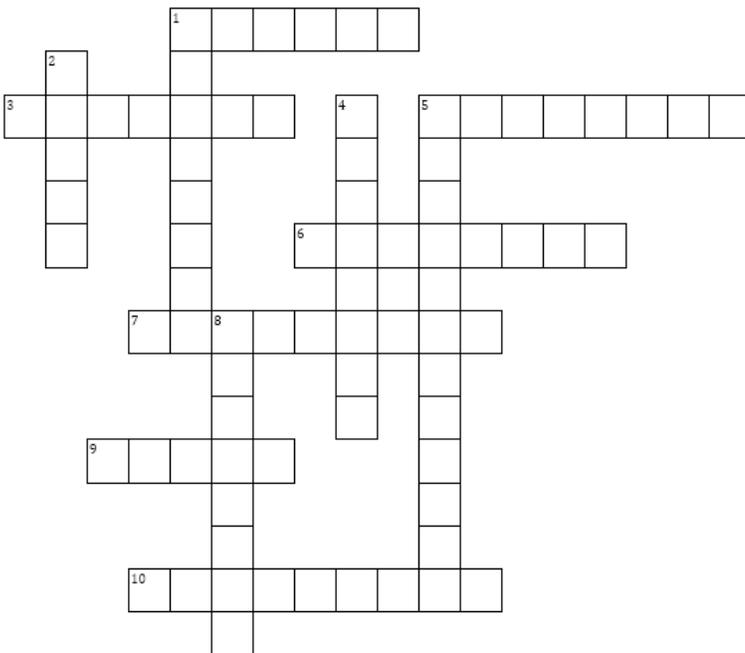
One of our biomechanics experts, Alberto Martinez, recently published his research on frontal collision leg fractures in the Journal of Mechanical Behavior of Biomedical Materials.

We are now taking bookings for the 2018 Summer season of complimentary Lunch & Learn seminars. Call now to arrange this free training for your staff.



Mitch Marner of the Toronto Maple Leafs with the Advantage Forensics team at our 2017 Golf Day (from left: Kyle Serkies, Alberto Martinez, Mitch Marner, Greg Prentice, and Jason Young).

## FORENSIC CROSSWORD FUN



### Across

1. Area around wheel well
3. White line, road boundary (2 words)
5. Data recorder (2 words)
6. Shows vehicle travel distance
7. Coverage against a probably loss
9. Case of inconsistent vehicle damage
10. Axle-to-axle distance

### Down

1. Motion resistance
2. Pavement scar made during a collision
4. Tire deposit on a roadway (2 words)
5. Study of human injury physics
8. Drivable area adjacent to a road

To submit your news or ad for publication in The Advantage, send your news blurb or ad request to Editor at [info@aforensics.ca](mailto:info@aforensics.ca). Our readership is over 3000 insurance & legal professionals.

## CASE STUDY CORNER\*

A female driving on a rural highway was killed when a male driver drove through a stop sign into her path. The male driver was charged by Police for dangerous driving causing death. The male driver sustained severe injuries and had no recollection of the collision.

Advantage Forensics was retained to investigate the collision and determine its cause.

Analysis of the data recorder showed that the male driver, who was driving someone else's car and was not in a rush, was fully accelerating with 100% gas pedal application and 0% braking for the 2.5 seconds of recorded data, travelling 110 km/h through the stop sign. The cruise control was previously engaged and the driver was wearing large forestry boots.

We found that the data recorder indicated a classic case of pedal misapplication, where the driver attempts to stop but is unknowingly pressing on the gas pedal. Our finding was supported by the multiple risk factors for pedal misapplication that were present in the case. Based on our testimony, the jury agreed that this was a tragic accident without intent and found the defendant not guilty.

*\*All names, dates and identifying details in Case Study Corner have been removed for privacy purposes. All published cases have settled or been decided at trial.*