# **Tech Center News**

WARREN, MICHIGAN

VOL. 42 NO. 24

**FEBRUARY 26, 2018** 

# Camaro ZL1 Speeds to Victory at 2018 Daytona 500

As the saying goes – being in the winner's circle Sunday brings the customers to the showroom floor Monday. Which is good news for Chevrolet.

In its inaugural season, the Chevrolet Camaro ZL1 opened with a win in the Daytona 500, the 2018 Monster Energy NASCAR Cup Series opener. Austin Dillon, driver of the No. 3 DOW Camaro ZL1, took the lead on the final lap en route to winning The Great American Race at Daytona International Speedway on Feb. 18.

"I never really thought about it until we took the lead about having a shot to win. I knew we were in a good spot if I could get a push down the backstretch. Heck, we went down the backstretch, had a run, went low, the No. 43 went low and I just had more momentum than he did and caught him. It turned him, but heck, we won the Daytona 500 we are sitting here now," said Dillon following his second career Monster Energy NASCAR Cup series victory.

Chevrolet has now won the Daytona 500 24 times, more than any other manufacturer, said GM spokeswoman Afaf Farah.

"Winning the Daytona 500, the most iconic race of the year, is absolutely incredible," said Jim Campbell, Chevrolet vice president of Performance Vehicles and Motorsports.

"It is a goal every year. It is extra special to win it this year with Austin Dillon and Richard Childress and our new Camaro ZL1 race car. Chevy's designers and engineers worked well with our race teams to prepare the Camaro ZL1 for this season. We are proud of our partnership with both of them as Austin wins his first Daytona 500 and Richard wins his third."

Darrell Wallace Jr., driver of the No. 43 Click n' Close Camaro ZL1, finished second in just his fifth career start.

"It was just a great day and a great week for our Click n' Close team. The new Chevy Camaro ZL1 is in Victory Lane and the RCR alliance is one-two, so it's pretty good. It's good to see the No. 3 back in Victory Lane here in Daytona with the No. 43 at the top of the board as well," said Wallace.

Chris Buescher, No. 37 Kleenex Camaro ZL1 (fifth); Ryan Newman, No. 31 Bass Pro Shops/Cabela's Camaro ZL1 (eighth); and AJ Allmendinger, No. 47 Kroger ClickList Camaro ZL1 (10th), also finished in the top 10 for Team Chevy.

A 12-car incident on lap 198 sent the race into overtime. Polesitter Alex Bowman, No. 88 Nationwide Camaro ZL1, was one of six Team Chevy drivers caught up in a 12-car incident on lap 198. Bowman, who led 13 laps to pace all Chevrolet drivers, finished 17th.

Several key Team Chevy drivers were involved in earlier

mishaps. A nine-car wreck on lap 59 ended the day of seven-time series champion and two-time Daytona 500 winner Jimmie Johnson, No. 48 Lowe's for Pros Camaro ZL1, relegating him to a 38th place finish.

That incident also collected

Kyle Larson, No. 42 Credit One Bank Camaro ZL1, and William Byron, No. 24 AXALTA Camaro ZL1.

Larson finished 19th, three laps down, and Byron ended up 23rd, four laps off the winning pace.



Austin Dillon, who drove the No. 3 Chevy Camaro ZL1, celebrates in the Daytona 500 victory lane.

## Michigan State, Texas A&M Join Forces

The American Center for Mobility (ACM) has commissioned a workforce study being undertaken by Michigan State University (MSU) and Texas A&M Transportation Institute (TTI) to begin to understand and quantify how today's driving environment affects today's transportation jobs

The study focuses on drivingrelated jobs, including professional truck drivers, taxi drivers and delivery drivers, said ACM spokesman Tracey L. Shavers, Jr.

"Our goal is to ensure that employees, employers and policymakers are informed about the potential developments, so they can approach them proactively rather than reacting to issues as they arise," said Soraya Kim,

The future of the auto industry could mean profound change for the future of American society.

That was the message presented by Carla Bailo, president and CEO of the Center for Automotive Research (CAR) to the Automotive Press Association (APA) at a special Detroit Athletic Club lunch on Feb. 21.

Bailo's speech was titled, "The Great Divide: What Consumers Are Buying vs. The Investments Automakers & Suppliers Are Making in Future Technologies, Products & Business Models.'

She said the internal combustion engine is still very popular. Currently, she said, about 80 percent of vehicles on the road have ICE, 15 percent are hybrids and 5 percent are "other." That is not likely to radically change in the next decade, she said.

"And it's also important for OEMs to understand that consumers will buy what they want, not what OEMs want them to buy," Bailo said.

So while OEMs are making vehicles that produce better mileage, the public expects that. And, more importantly, the public will not buy a vehicle that gets better mileage but has less horsepower or torque.

"People will not sacrifice what they want, so it's never a positive when trying to improve mileage by reducing power," Bailo said. "Customer demand isn't driving the development of alternatives to the ICE car."

It is also important to remember that today's car market is being driven by demand for trucks and SUVs/CUVs, she said, noting that the sedan's market share is expected to stay more of a niche vehicle.

But the good news, she said, is that trucks and SUVs/CUVs are

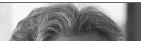
**CONTINUED ON PAGE 2** 



Carla Bailo

## Ford Promotes Kumar Galhotra in Wake of Nair Troubles

Ford has made a number of changes to its executive staff in the wake of Raj Nair leaving the





for product and brand. He is also a seasoned leader who knows how to drive a business transformation," Farley said. "Kumar is the right person to lead our North American business to new levels of operational fitness, product and brand excellence, and profitability." Reporting to Galhotra will be Stuart Rowley, 50, who is named vice president and chief operating officer, Ford North America, effective March 1, Carroll said. Rowley, who was previously the company's vice president of Strategy, will be responsible for driving the redesign of the North American business to improve its overall fitness. Joy Falotico, 50, is named group vice president, Lincoln Motor Company and chief marketing officer, succeeding Galhotra. Her appointment is effective March 1, Carroll said.

ACM's chief innovation officer who is leading the education initiative.

"The adoption of connected and autonomous vehicles (CAVs) has the potential to lead to job impacts in the transportation and mobility sector and create a range of new labor opportunities in businesses that develop and implement innovative usage models for CAVs," said Shelia Cotten, MSU Foundation professor and director of the Sparrow/MSU Center for Innovation and Research.

The study, led by MSU, will also identify how the future workforce should be trained to provide the skilled jobs that will power the development and deployment of this beneficial technology, Shavers said. The results will be shared this summer.

**CONTINUED ON PAGE 5** 

position of executive vice president and president, North America. The company announced Feb. 21 that Nair is leaving in response to a recent internal investigation into reports of inappropriate behavior.

In making the leadership changes last week, Ford President and CEO Jim Hackett said Ford is "very fortunate to have an experienced and committed executive team in place driving every day to significantly strengthen our business while building toward our vision of becoming the world's most trusted mobility company, designing smart vehicles for a smart world."

Kumar Galhotra, 52, is appointed group vice president and president, Ford North America, effective March 1. Galhotra will be responsible for leading all aspects of Ford's North American

Kumar Galhotra

business. He will report to Jim Farley, Ford executive vice president and president, Global Markets, said Ford spokesman Brad Carroll

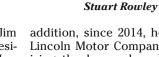
Galhotra, a 29-year veteran of the company, has served in a variety of senior-level engineering and product strategy positions around the world. In

addition, since 2014, he has led Lincoln Motor Company, revitalizing the luxury brand's model lineup and developing a worldclass customer experience. He also has been serving as the company's chief marketing officer since last year.

"Kumar is an incredibly talented executive with a special feel In this role, Falotico reports to

**CONTINUED ON PAGE 4** 

## View This Week's Edition at http://TechCenterNews.com





#### **FEBRUARY 26, 2018**

### Tech Center News®

31201 Chicago Road South Warren, Michigan 48093

586-939-6800

Contact us: Info@TechCenterNews.com

Deadline: Thursday 5:00 p.m. for the next edition of Monday

William Springer II, publisher Lisa A. Torretta, operations Jim Stickford, news

Tech Center News is a registered trademark of Springer Publishing Co.

www.TechCenterNews.com

## **MCC Seeking Nursing Grads For Event**

Macomb Community College (MCC) is planning an alumni event on May 22 for its nursing program graduates.

"If you're an alumnus of the college's nursing program and want to ensure that you receive information about the event, send your name, year of graduation and contact information to alumni@macomb.edu.or.call 586-445-7302," said Sean Patrick, Media Relations manager at MCC.

Macomb Community College (www.macomb.edu) is one of the nation's leading community colleges, providing learning experiences to nearly 40,000 students annually, Patrick said. Macomb nationally ranks in the top two percent in the number of associate degrees awarded by community colleges and is the largest grantor of associate degrees in Michigan.

Many of its past students have earned nursing degrees at the school and MCC would like to celebrate that fact with the May event, Patrick said.

MCC Honors 200 Years of Macomb County (1818-2018) To celebrate the 200th anniversary of the founding of Macomb County, Macomb Community College presents, "Making Ma-comb: A Journey Through 200 Years," Feb. 28 through May 5, at the Lorenzo Cultural Center,

which is on the college's Center Campus in Clinton Township. The program series consists of more than 20 informative presentations on the history and development of Macomb County complemented by a variety of exhibits in the cultural center's 8,500-square-foot Discovery Hall, said Sean Patrick, manager of Media Relations at Macomb Community College.

"Macomb County has a rich history and has been a driving force in the state from its establishment in 1818 as the third county in the Michigan territory," said William Wood, director of the college's Cultural Affairs. "'Making Macomb' sheds light on key aspects of our history, culture and heritage through engaging presentations and informative exhibits."

The 'Making Macomb' presentations range in topic from an examination of the early Native American influences in the area to modern day impacts such as Selfridge Air National Guard Base and current economic conditions in Macomb County.

The accompanying exhibits will give visitors a glimpse into Macomb's past through artifacts, displays and interpretative panels, including a scale replica of the Gratiot Drive-In, and iconic vehicles, including the locally built military M37 transport and 1950 Ford F150.

Artifacts include personal belongings of the county's namesake, Alexander Macomb, locally manufactured items and other items representing significant places and events in the county's

history. Also included is a traveling exhibit from the Arab American National Museum highlighting some of the stories of one of the newer groups of immigrants to Macomb County.

The presentations kick off on Feb. 28 with a discussion of Macomb County's progression and transition to a charter form of government by a panel of those who were involved in the process. They will discuss reasons for the change and the progress made over the first seven years.

On March 3, Jack Lessenberry, head of the journalism faculty at Wayne State University and senior news analyst on WUOM-FM, will present Macomb County, Swing County - The Reality and the Myth. Lessenberry is also a contributing editor and columnist for the Metro Times and has written for many national and regional publications.

Local historians and authors Bob and Cherie Allen will present Civil War History in Macomb County Cemeteries on March 16, giving an overview of research involved in identifying and recording the civil war soldiers interred in Macomb cemeteries.

While the presentations and exhibits are open to the public free of charge, pre-registration is required for the presentations by calling 586-445-7348 or by emailing culturalcenter@macomb.edu. No registration is required to visit the exhibits. The Cultural Center is open Wednesday 10 a.m.-8 p.m. and Thursday through Saturday 10 a.m.-4 p.m.

For a complete listing of all "Making Macomb: A Journey Through 200 Years" programming, visit: www.lorenzoculturalcenter.com.

## **Changes in Auto Industry Predicted**

#### CONTINUED FROM PAGE 1

highly profitable, and these profits are financing the development of electric vehicle (EV) and autonomous vehicle (AV) technologies

The bad news, she said, is that should the sedan regain popularity, development of EV and AV technology could be pushed back because of lower profits per vehicle sale.

Bailo also said that demand for driving services has great potential because millenials drive less and those who live in dense urban areas can actually save money using such services instead of owning a car. And the "silver" generation - drivers over the age of 60 - still want to maintain independence even as they get older and may be unable to drive.

'Services that allow seniors to maintain their independence will be a winner in the marketplace," Bailo said. "These people don't want to get into cars with strangers sent by Uber, so there will be a demand for something new.

OEMs don't have core compe-

tencies in ride services, Bailo said. So they can develop them in two ways. Build their own systems from scratch or buy companies that already exist. That leaves a lot of room for partnerships.

As for autonomous technology, she said OEMs will have to earn people's trust. If people don't trust the tech, they won't use it.

"Road infrastructure will have to be updated," she said. "Some companies have already created vehicle-to-vehicle communications, while other companies are vehicle-to-infralooking at structure systems."

As this technology develops, she said, cities can transform. Fewer cars on the road because people use rider services mean less need for parking, more room downtown and fewer traffic jams.

"Automakers and suppliers are investing in technology and hoping to amortize those investments over millions of units at a global scale," Bailo said. "Investing in advanced technologies is not only costly but also brings considerable risk. In all things related to automotive technology, consumer acceptance is critical.

Staving ahead of the technological curve is vital for the U.S. auto industry, Bailo said, because OEMs and suppliers operate in many markets around the world. All of this, she said, means that automakers and suppliers, nearly all of which are large multinational corporations, must keep up with the most aggressive regulatory environments if they wish to remain globally competitive.

"The automotive world is inching closer to an electrification tipping point, and the development and deployment of automation technologies are rapidly advancing," Bailo said.

"Automakers and suppliers will develop these technologies for, and in, those markets. Automotive R&D investment and advanced manufacturing will be located in or near those markets where these vehicles are sold and deployed.

"If the U.S. market is not a leader in adopting AVs, EVS and Mobility as a Service, there will be implications for U.S. engineering and skilled talent development institutions and the overall technological leadership of the United States."

**PRESTIGE CADILLAC** Luxury Has A New Home Van Dyke Across From GM Tech Center / CERTIFIED SERVICE **GET READY FOR** Take Advantage Of These WINTER COMPLETE Specials & Save On Service

## DEXOS OIL CHANGE COMPLIMENTARY

SERVICE Limited time only, Only GM makes and models some vehicles may not apply, Alignment check, Brake

**Heavy Rains Affect Sewers** 

Heavy rains have caused local rivers and sewer lines to flood, said Macomb County Public Works Commissioner Candice Miller. This can affect local sewers, so area residents can do their part to help with the problem.

"Many of our communities have combined sewer systems, where both storm water and sanitary sewage travels in the same pipes. If we can reduce the amount of sewage entering the pipes, we can reduce the amount that is spilling in to Lake St. Clair during this heavy rainfall," Miller said.

"Localized flooding has already occurred in some areas. This is about neighbors helping neighbors. Every gallon of water usage we can restrict now is one less gallon that may overflow the banks of the Clinton River and other waterways," Miller said. "Rain is Mother Nature's doing and we can't control that, but we can control our own water usage."

The National Weather Service has issued a flood watch for all of southeast Michigan as a result of recent storms. Heavy rains, coupled with extensive snow melt over the past several days, has local storm water systems over capacity, Miller said.

"We have already had a combined sewer overflow into Lake St. Clair. This water has been treated to state standards, but any action we can take to reduce this overflow helps reduce this impact," Miller said.

The following actions can be taken to reduce water usage:

- Reduce length of showers.
- Only flush solids in toilet.
- Only run full wash loads. Don't run the water while
- brushing teeth. • Run full dishwasher loads.

## SPECIAL \$5000

Limited time only. Only GM makes and models some vehicles may not apply. Up to 5 quarts of oil with a GM Oil Filter! Additional quarts are extra. Tax and shop supplies extra Expires 2-28-18 CERTIFIED SERVICE

#### TIRE ROTATION WITH ANY SERVICE

Limited time only, Only GM makes and models some vehicles may not apply. Expires 2-28-18 CERTIFIED SERVICE

tem check, Suspension system check, Exhaust system check, Coolant service, Fuel system cleaning, Fuel additive, Oil additive, Oil Change & Tire Rotation, set of front wiper blades. Car wash. Only \$439.00 Tax and shop supplies extra. Not valid with any other offer. Expires 2-28-18 CERTIFIED SERVICE

Taking these actions are a good practice in any time of heavy rain. The National Weather Service says all three branches of the Clinton River in Macomb County reached flood stages, and additional rain is predicted.



#### COMPLIMENTARY ALIGNMENT CHECK

Limited time only. Only GM makes and models some vehicles may not apply. We will supply an estimate for repairs if required.

Expires 2-28-18 **CERTIFIED SERVICE** 

#### CHECK ENGINE LIGHT ON? We will diagnose it...

free of charge. Only GM makes & models some vehicles may not apply. Some vehicles may require additional diagnostics which could require diagnostic fees. Tech Center Employees only. Not valid with any other offer. Expires 2-28-18

#### **CERTIFIED SERVICE**

- Convenient Customer Shuttle
- Early Bird Check-in
- Loaners Available
- Convenient Business Hours
- Same Day Service
- Factory Trained Service Advisors
- ASE Certified Technicians
- Online Express Checkout
- Mobile App Service
- GM Quality Parts



LOCATION 29900 VanDyke Ave. Warren, MI 48093

Mon & Thur 8:30am-8pm Tues, Wed & Fri 8:30am-6pm Sat 10am-4pm

©2017 General Motors. All Rights Reserved Cadillac®

SALES - 888.548.8939

888.548.8939 Sat 8am-3pm

SERVICE Mon - Fri 7:30am-6pm

# **Tech Center News**

**FEBRUARY 26, 2018** 

COVERS THE TECH CENTER AND THE IMMEDIATE AREA

# Cadillac's XT5 Safer for Rear End Collisions

Little things like hitting a pole advanced rating with the same while backing out of a parking space can add up to big expenses, said David Zuby, executive vice president and chief research officer for the Insurance Institute for Highway Safety (IIHS)

Parking crashes usually don't result in serious injuries, but repair costs can quickly mount, along with the hassle of going without the family vehicle while waiting for the body shop to finish work, Zuby said.

That's why the Insurance Institute for Highway Safety has launched a rear crash prevention ratings program to help consumers identify models with the technology that can prevent or mitigate low-speed backing crashes.

One of the two models that earned IIHS's highest rating of superior is the 2017 Cadillac XT-5. The second was the Subaru Outback.

Zuby said that the 2017 Jeep Cherokee was one of four vehicles to earn the second-highest rating, which is called advanced.

Rear crash prevention encompasses several technologies. Parking sensors issue warning beeps and/or seat vibrations when the equipped vehicle gets too close to another vehicle or object directly behind it, or, in some cases, in front of it.

Rear cross-traffic alert warns drivers of approaching vehicles that might cross their path as they back up. Rear automatic emergency braking systems detect objects behind a reversing vehicle and may automatically brake if the driver doesn't heed alerts to stop.

"Let's face it. Some days we all could use help backing up, whether that's in a garage with pillars that obscure your view, in a crowded mall parking lot or on a busy downtown street," said Zuby. "The systems we rate in our first batch of tests will help reduce the chances of a backing fender-bender.'

Under the three-tier rating scheme, models with optional or standard rear crash prevention systems are rated superior, advanced or basic, Zuby said. Ratings are determined by whether the vehicles have available rear autobrake and, if so, how it performs in a series of car-to-car and car-to-pole tests with different approach angles.

The availability of parking sensors and rear cross-traffic

optional equipment.

The ratings evaluate the rear crash prevention system's ability to prevent damage in low-speed crashes, not its ability to mitigate injuries in crashes, Zuby said.

Research from IIHS and the Highway Loss Data Institute (HL-DI) indicates that these technologies prevent crashes. The combination of a rearview camera, rear parking sensors and rear autobrake is reducing backing crashes reported to police by 78 percent, a new IIHS study of General Motors' vehicles found. Rear autobrake systems from GM reduce the frequency of claims reported to insurers, HLDI reported in August 2017.

In the new ratings program, rear autobrake carries the most weight because research shows it provides the biggest crash reductions. Parking sensors and rear cross-traffic alert get partial credit. HLDI has found benefits for parking sensors in reducing crashes reported to insurers, while new research from IIHS shows that rear cross-traffic alert is reducing police-reported crashes.

For a superior rating, a vehicle must have a rear autobrake system that can avoid a crash or substantially reduce speeds in many of the test scenarios, which involve multiple runs at about 4 mph. Systems are assigned points based on the number of runs that either avoid or barely hit the target, reducing speeds to less than 1 mph.

For an advanced rating, a vehicle must have rear autobrake and avoid a crash or reduce speeds in some of the scenarios.

Vehicles that only have parking sensors and/or rear crosstraffic alert earn a basic rating.

Rear autobrake isn't as prevalent as front autobrake. The feature is optional on only 5 percent and standard on less than 1 percent of 2018 model passenger vehicles. HLDI has estimated.



IIHS tested the safety of the XT5 by having it rear end a pole.

Rear cross-traffic alert is optional on 43 percent and standard on 11 percent of 2018 models. Rear parking sensors are standard on 33 percent and optional on 59 percent of 2018 models. Rearview cameras are standard on 89 percent and optional on 10 percent of 2018 models.

To illustrate how repair costs can add up, the Institute conducted four low-speed demonstration tests with and without rear autobrake, and then tallied the damage as a claims estimator would.

Scenarios included the XT5 backing into a pole. When equipped with rear autobrake, the vehicles didn't strike anything, so - no damage. Without

Seating Accommodations

for 80-1200

Experience the Elegance with Royalty

(586) 264-8400

www.royaltyhouse.com • royalty@royaltyhouse.com

Proudly

Family

Owned for

40 Years @

♦ DIAMOND PARTY RENTALS ♦

Tents • Tables • Chairs • Linens

Bouncers

586-759-1600

We also have Tents,

Tables, Chairs & Linens

For Sale

New & Used

50749 Beebe, Warren, MI

Banquet Facility

autobrake was a different story. The XT5 needed an estimated \$3,477 in repairs after backing into a pole. Damaged parts included the bumper cover, tailgate, hitch bar, energy absorber, rear body panel, trim and assorted brackets.

## Warren Library **Brewing Up March Fun**

"Books. Brew. & Banter is the Warren Public Library's monthly book club in a brewery," said Warren librarian Amy Nelson. "Anyone looking to meet new friends and enjoy good books, food, drink, and conversation together in a laid back atmosphere is welcome to join."

Books, Brew, & Banter will next meet on Tuesday, March 13, at 7:30 p.m., at Malone's Tavern, located at 32350 Van Dyke in Warren.

'Our book for March is T'he Dry' by Jane Harper," Nelson said. "Copies of the book and potential discussion questions can be picked up at the Miller Branch Library Circulation Desk (located in the Warren Community Center)."

Those wishing to attend must register. To do so, go to www.warrenlibrary. net, or call the library at 586-751-5377, Nelson said.



alert also is factored in.

The XT5 earned its superior rating when equipped with optional rear autobrake, park- ing sensors and rear cross-traffic alert. The Cherokee earned an

## State's Gas Prices See Small Drop

DEARBORN, Mich. (AP) - AAA Michigan says gas prices statewide have fallen by about 11 cents per gallon.

The Dearborn-based auto club announced Feb. 20 that the average price for self-serve regular unleaded gasoline was about \$2.45 per gallon. Prices are about 19 cents more than last year.

Michigan's lowest average price was about \$2.34 per gallon in the Flint area. The highest was about \$2.67 per gallon in the Marquette area.

The Detroit area's average decreased about 8 cents to about \$2.49 per gallon.



**INSURANCE SHOPPERS AGENCY** 

Phone: 810.388.9200 | Fax: 810.400.6100 Email: knewsome@marysvilleisa.com



Kristin Newsome,

INSURANCE MADE EASY!

Now offering: Insurance

Receive a FREE \$10 Gift Card Just For Letting Us Quote Your Home and Auto Insurance

We have Discounts for: Engineering, Accounting, Medical/Dental Employees

#### **FEBRUARY 26, 2018**

# Ford Makes Major Changes To Its Management Ranks

CONTINUED FROM PAGE 1

Farley and is responsible for leading the continued evolution of Lincoln as a world-class luxury brand. She oversees all Lincoln operations globally, including product development; marketing, sales and service; and all team members supporting the brand.

She also will lead the company's Marketing function and efforts to connect more closely with customers by identifying opportunities to serve new them. Falotico will remain chairman of the Ford Motor Credit Company board of directors.

Since October 2016, Falotico has been group vice president and chairman and CEO of Ford Motor Credit Company.

In 29 years at Ford Credit, she has served in a number of executive positions around the world, including leading Marketing and Sales, working side-by-side with Ford to support sales and dealer success, and strengthening consumer and dealer service.

"Joy has been a driving force behind not only Ford Credit's consistently strong financial performance but also its business model innovation and transition to a digital customer platform," Farley said. "She brings marketing experience and a deep customer focus as Ford enters a very busy new product launch period to drive growth in revenue and profitability.'

Succeeding Falotico is David McClelland, who is named vice president of Ford Motor Company and CEO, Ford Credit. A 25year veteran of Ford Credit, Mc-Clelland, 48, has served in a variety of leadership positions, including most recently as execu-

tive vice president, Marketing and Asia Pacific.

McClelland has been instrumental in Ford Credit's growth in China, as well as Ford Credit's move into new fintech and mobility initiatives, such as the Canvas vehicle subscription service and online financing. His appointment is effective March 1 and he will report to Bob Shanks, executive vice president and chief financial officer.

John Lawler is appointed vice president, Strategy, succeeding Rowley. Lawler, 51, who joined Ford in 1990, brings a deep background in finance and general management into the strategy role, including his current position as Ford's corporate controller. Lawler also previously served as chairman and CEO, Ford China. He will report to Shanks beginning March 1.

Lawler will support Hackett in advancing the global initiatives under way to dramatically improve Ford's operational fitness, Carroll said. He also will help lead the company's execution of strategic choices that define where Ford allocates capital in the future to win and grow.

Cathy O'Callaghan is named vice president and corporate controller, and CFO, Global Markets, succeeding Lawler.

O'Callaghan, who joined Ford in 1990, brings a wealth of finance experience, having held several senior level positions globally. She is currently chief financial officer, Ford South America. O'Callaghan will report to Shanks in her role as corporate controller and Farley in her role as CFO, Global Markets. Her appointment is effective June 1 and her replacement will be the subject of a future announcement.



The dangers of impaired driving are the focus of special tools.

Ford Driving Skills for Life celebrates its 15th anniversary this vear with significant program expansions and the addition of new technologies to help new drivers stay safe on the road.

The 2018 U.S. Driving Skills for Life tour kicks off this month in New Orleans at NOLA Motorsports Park. A signature program of the Ford Motor Company Fund, Driving Skills for Life has provided free driver training to more than 1 million new licensed drivers in 40 countries. Ford has committed more than \$50 million to date to this award-winning program, said Ford spokeswoman Elizabeth Weigandt.

Ford Driving Skills for Life captures teen and parent interest with free, hands-on driving courses that pair newly licensed drivers with professional driving instructors, focusing on the issues and obstacles drivers face that cause crashes, including impaired and distracted driving due to the use of drugs and alcohol.

"As we celebrate 15 years of stellar programming to keep new drivers safe, we continue to build momentum with new technologies that help to ensure smart driving," said James Graham, global manager, Ford Driving Skills for Life.

Ford Teaching Driver Skills This Year

"Our program is expanding in multiple ways - by reaching more people here and abroad, and by offering cutting-edge technologies that enhance our curriculum. We look forward to many more years of success. And we are proud to be the global leader in training new drivers to keep them safer behind the wheel."

Highlights of this year's Ford Driving Skills for Life program include:

- 13-city U.S. tour to include communities and cities new to the hands-on experience.
- 15-year celebration to acknowledge key Driving Skills for Life partners.
- Expansion of the international program to Cambodia, Czech Republic and Morocco. Women in Saudi Arabia will receive training for the first time.
- New virtual reality innovations that will improve technical skills such as maneuvering through roundabouts.
- Unveiling of a new distracted driving tool in the United

Top

**Financial** 

Advisers

States, with students donning goggles that allow them to experience a driving situation that forces them to make real-world decisions, such as managing text messages, navigation systems and passenger distractions while on the road.

- Use of a new hangover suit, primarily for adult drivers; suit simulates the difficulty of driving while recovering from excessive consumption of alcohol.
- Introduction of a pilot pro gram in rural markets starting in North Carolina and South Carolina; implementation to be done in partnership with Vidant Healthcare to explore the unique needs in rural communities.
- A refresh of "The Academy," a web-based curriculum at drivingskillsforlife.com; new training will be available to teens and parents, as well as serve as a refresher to non traditional adult drivers.

Outside of the United States, this has been useful to those who operate buses, taxis and ridesharing services

Working with its national partner, Governors Highway Safety Association, the Ford Driving Skills for Life tour will reach Arizona, California, Louisiana, Massachusetts, Michigan, Tennessee, Texas and Virginia this year, Weigandt said. It will include a summer tour across the Midwest touching Iowa, Illinois, Kentucky and Ohio.

Despite progress to reduce teen driving deaths, teen drivers have crash rates three times higher than drivers age 20 and older per mile driven, according to the Governors Highway Safety Association.

The association notes that in 2016, 16- to 20-year-old drivers involved in fatal crashes increased by 3.6 percent.

"Novice drivers continue to pose a risk to themselves and others, as teen driver fatalities have increased in recent years," said Jonathan Adkins, executive director, Governors Highway Safety Association.

"Since its inception in 2003, Ford Driving Skills for Life has been a valuable educational supplement for new drivers, especially in communities where traditional driving instruction is no longer offered. We are looking forward to the expansion of this powerful program and the many new technologies it will introduce."

## Museum Seeks **Families of First** Model T Makers

DETROIT (AP) - A museum dedicated to the birthplace of the Model T is seeking descendants of people who worked in the first building operated by Ford Motor Co. The Ford Piquette Avenue Plant was in Detroit. Piquette Heritage Day will be held on April 8. Organizers say a score of descendants of the original Model T makers has been found, but they're seeking more as they honor the families' contribution to U.S. auto history. The plant opened in 1904. It continued as a Studebaker factory after Ford moved to Highland Park in 1910. Children, grandchildren and great-grandchildren of anyone who worked in the building can participate in the special ceremony. The cost for the event is \$29 for museum members and \$34 for non-members. The building displays roughly 60 early Ford and Detroit-made automobiles.



Join us for a 50-minute informative discussion on tips, techniques and strategies to get the most out of your GM sponsored benefits, and more!

Our nuts and bolts presentation answers:

Effective ways to maximize post retirement tax free distribution without giving up current year tax deductibility.

### THURSDAY, FEBRUARY 22, 2018

Meeting 1: 7:00 a.m. - 7:50 a.m. (breakfast included) Meeting 2: 11:30 a.m. - 12:20 p.m. (lunch included)

LOCATION: Detroit Marriott at the Renaissance Center 400 Renaissance Drive Detroit, MI 48243

- Construct a satellite strategy centered around your Retirement Savings Plan.
- Social Security maximization strategies.
- And more!

All attendees will be offered a complimentary retirement stress test.

#### THURSDAY, MARCH 15, 2018

Meeting 1: 7:00 a.m. - 7:50 a.m. (breakfast included) Meeting 2: 11:30 a.m. - 12:20 p.m. (lunch included)

LOCATION: Courtyard Marriott 30190 Van Dyke Ave., Warren, MI 48093 (across from GM Tech Center)

#### **REGISTRATION REQUIRED. SPACE LIMITED TO 20 SEATS.**

To reserve your seat, contact Evan Lian at (810) 593.1630 or email evan.lian@raymondjames.com.



KaydanWealthManagement.com | 329 W. Silver Lake Road, Fenton, MI 48430 | 2701 Cambridge Ct. Ste. 412, Auburn Hills, MI 48326 | Ph. 810.593.1624 | Fax: 810.593.1643 Investment advisory services offered through Kaydan Wealth Management, Inc. and Raymond James Financial Services Advisors, Inc.

Kavdan Wealth Management, Inc. is not a registered broker/dealer and is independent of Ravmond James Financial Services.

The FT 400 was developed in collaboration with Ignites Research, a subsidiary of the FT that provides specialized content on asset management. To qualify for the list, advisers had to have 10 years of experience and at least \$300 million in assets under management (AUM) and no more than 60% of the AUM with institutional clients. The FT reaches out to some of the largest brokerages in the U.S. and asks them to provide a list of advisors who meet the minimum criteria outlined above. These advisors are then invited to apply for the ranking. Only advisors who submit an online application can be considered for the ranking. In 2016, roughly 980 applications were received and 400 were selected to the final list. The 400 qualified advisers were then scored on six attributes: AUM, AUM growth rate, compliance record, years of experience, industry certifications, and online accessibility. AUM is the top factor, accounting for roughly 60-70 percent of the applicant's score. Additionally, to provide a diversity of advisors, the FT placed a cap on the number of advisors from any one state that's roughly correlated to the distribution of millionaires across the U.S. The ranking may not be representative of any one client's experience, is not an endorsement, and is not indicative of advisor's future performance. Neither Raymond James nor any of its Financial Advisors pay a fee in exchange for this award/rating. The FT is not affiliated with Raymond James. space Neither Raymond James Financial Services nor any

Raymond James Financial Advisor renders advice on tax issues, these matters should be discussed with the appropriate professional



FCA employees played hockey on the same rink used by the Detroit Red Wings.

## FCA 'Battle of the Brands' Hits the Ice at LCA

by Jim Stickford

Detroit's brand new Little Caesars Arena hosted the 2018 FCA "Battle of the Brands" hockey tournament on Feb. 17, with the event turning out to be a bit of a family affair.

The tournament raises money for the Southeast Michigan United Way, said FCA spokeswoman Val Oehmk. This year, FCA raised \$50,000.

Each of FCA's brands fields a team, Oehmk said. This year the teams were fielded by Jeep, Ram, Mopar, Maserati, Alfa Romeo and Dodge. Two of the Dodge teams were named Hellcat and Demon, while the third team was simply called Dodge.

Four games were played, Oehmke said. Jeep beat Ram, 6-4; Hellcat beat Demon, 3-2; Mopar tied Maserati, 8-8, and Dodge beat Alfa Romeo, 9-4.

One of the employees who played in this year's Battle was Mike Tonietto, director of Manufacturing at FCA's Windsor Assembly Plant.

In addition to coming up with the idea for the tournament six years ago, he got to play on the Demon team with his sons, Matt and Jonathon, who also work for FCA in Canada.

Tonietto said when he got the idea for FCA hockey enthusiasts to play Red Wing alumni – during the time when the Red Wings played the Maple Leafs as part of the outdoor Winter Classic hockey game – he took it to FCA CEO Sergio Marchionne, and got approval.

The event morphed into what is now known as the FCA Battle of the Brands, which has been going for the past several years, Tonietto said.

"We kept going forward," Toni-

on the line at St. Louis and later was sent to Detroit, where he worked his way up to becomeing manager of Warranty and Service Contracts for Mexico.

"Jeff and I grew up in Lake Orion," Summers said. "I play defense and so does he. We work as defensive partners. This year, I'm the captain of the Hellcat team. When I was named to that position, it caught me off guard, but it's quite an honor."

Summers said that in addition to being able to play a game he loves, the Battle of the Brands gives FCA employees the chance to meet and play with people they wouldn't otherwise ever interact with.

"This is a good way to get employees together," Summers said.

"I'm talking about sales people, engineers, marketing, line workers. That normally doesn't happen. And to mix at a place where the Red Wings play, that's a real honor. "And we raise money, through our fees, for a good cause."

Ochmke said the Battle of the Brands is set up to create an environment that matches how the pros play. The players all wear team jerseys of a quality equal to that of the Red Wings.

And, before each game, the national anthems of Canada and the United States were sung by a singer who has sung the national anthem for Red Wings and Tigers games.

This year the singer was Christine Kavka, a Purchasing Program manager at FCA.

Summers said that while it's nice if your team wins, that's not the point of the Battle of the Brands. "It's to raise money for a good

cause and to help build camaraderie among FCA employees," he said. "Being able to do that at an NHL venue is something that makes the experience that much greater.

"This is a really great way to spend a Saturday afternoon," he said.

## MSU, Texas A&M to Study Autonomous Technology

#### CONTINUED FROM PAGE 1

"The impacts depend largely on the way that the technologywill really be introduced and utilized, as well as the readiness and rate of introduction," said John Maddox, president and CEO of the American Center for Mobility. "No one yet knows if, how, or when jobs will be affected."

"Connected and automated technologies have the potential to create a safer and less stressful occupation for platooning truck drivers while creating opportunities to be involved with cutting-edge technologies that will change the way freight logistics will be delivered in the future," said Christopher Poe, assistant director, Connected and Automated Transportation Strategy at the Texas A&M Transportation Institute.

Located on the 500-acre historic Willow Run site in Ypsilanti Township, ACM is a global center for testing and validation, product development, education and standards work for CAVs and other technologies, Shavers said.

The U.S. DOT-designated proving grounds provides a myriad of real-world environments with the ability to test under varied, yet controlled conditions. Its unmatched range of driving environments and infrastructure includes a 2.5-mile highway loop, a 700-foot curved tunnel, two double overpasses, intersections and roundabouts.

In December, the Center officially opened for business. Testing will occur during all four seasons, day and night, in sun, rain, ice and snow, Shavers said. These elements help to create the perfect environment for testing and developing voluntary national standards for mobility technologies before vehicles and other products are deployed onto public roads.

Since summer, ACM has been working with Intertek, its operations and maintenance partner, to make sure the necessary and unique AV protocols, procedures and operations were created and implemented for safe testing.

In October, ACM signed a memorandum of understanding with 15 colleges and universities in Michigan to collaborate on creating educational pathways to train and prepare students to support automated vehicle testing and implementation.

To date, \$110 million has been secured to construct the first two phases, and additional private investment announcements are expected soon, Shavers said.

The next phase of construction will begin this spring and will feature an urban driving environment, followed by ACM headquarters and a tech park.

## State Wants to Adopt EV Tech

BOSTON (AP) – Massachusetts Attorney General Maura Healey is calling for a statewide plan to encourage the adoption of electric vehicles and what she calls "new, ambitious goals to meet electric power needs with clean energy."

Healey made the comments at a hearing Feb. 17 on how the state should use \$75 million in mitigation funds as part of a multi-billion-dollar settlement with Volkswagen, Porsche and Audi, urging the money be used to help create infrastructure.





MAKE US YOUR FIRST CHOICE

etto said. "And from the beginning, we used the event to raise money for the United Way. Since the first year, we've raised \$400,000 and will raise \$50,000 this year."

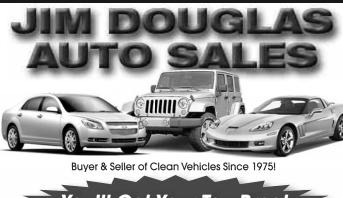
Tonietto plays center and his sons play right and left wing, creating a line of just Toniettos.

"It's cool to see the new arena, and at the same time help the city of Detroit," said Matt Tonietto.

Scott Summers, area sales manager for the Great Lakes Business Center at FCA, and his brother Jeff, a senior manager and head of Ram Advertising at FCA, come from a long line of Chrysler employees. Their greatgrandfather, Roy Summers, worked for a Chrysler supplier in St. Louis. The company was eventually bought by the Dodge brothers.

Their grandfather was a manager of quality control at the St. Louis Assembly Plant. Their father, Stephen Summers, started

#### WE DO HOUSE CALLS OR COME SEE US... Before You Trade-In or Sell Your Car



You'll Get Your Tax Break Plus 100's if not 1,000's More

248.332.8326

1153 Baldwin Rd • Pontiac • www.jimdouglasautosales.com

# Eaton Has Way to Reduce Diesel Emissions

by Jim Stickford

Diesel powered engines have been around a while and aren't going away. Which makes it important to create a cleaner engine, given the growing regulatory requirements being enacted.

Stefan Walter, Product Strategy manager for the auto supplier Eaton, said diesel engines are more efficient, but they produce more Nitrogen Oxide (NOx).

As a way to reduce that pollution, Walter said OEMs and suppliers have developed systems over the years to reduce the emission of NOx.

Diesel exhaust leaves the engine following combustion with pollutants Nitrogen Oxides (NOx) and Particulate Matter (PM), which includes soot particles primarily made up of carbon, ash, metallic abrasion particles, sulfates and silicates. The particulate matter is trapped in a Diesel Particulate Filter (DPF) and Diesel Exhaust Fluid is sprayed into the exhaust, where it hydrolyzes into an ammonia gas (NH3), said Walter.

From there, he said, the Ammonia and Nitrogen Oxides travel to a selective catalytic reduction (SCR) system where a reaction turns them into harmless nitrogen and water. In order for the reaction to occur, however, temperatures of 250-500 degrees Celsius are needed.

But oil has different viscosity at different temperatures, Walter said. That means, for example, that when it's cold, it takes time for oil to reach the proper viscosity to produce the pressure to make the rocker work.

With newer, tougher pollution standards being produced across the globe, OEMs that have dieselpowered vehicles have to find better ways to reduce NOx emission



Stefan Walter

That's where Eaton's Internal Exhaust Gas Recirculation (iEGR) technology comes in, Walter said. It enables automakers to meet stringent regulations on diesel engine emissions by providing direct control over the thermal management of the exhaust system.

The iEGR technology also provides superior cold start characteristics over hydraulic solutions, whatever the engine condition.

iEGR is used to generate hotter exhaust gas, he said, and therefore heat the catalyst to the proper operating temperature by slightly opening one exhaust valve during the piston's intake stroke to draw hot exhaust gas directly from the exhaust manifold into the cylinder.

Unlike competitive systems, Eaton's iEGR technology uses a switchable roller rocker arm on each cylinder that can be electromechanically actuated, Walter said. Systems that rely on hydraulic pressure to provide EGR functionality take longer to generate heat, whereas Eaton's system provides the needed heat nearly instantaneously, helping to eliminate harmful

emissions during cold engine starts, said Walter.

Some competitor systems can generate instant heat, including those that use electric heaters, more complex after-treatment systems, or bigger NOx traps. However, those solutions add weight, complexity and cost.

Conversely, valvetrain solutions such as Eaton's iEGR system require little space and utilize existing engine heat to increase temperature output.

Eaton's latest generation of Switchable Roller Rocker Arm (SRFF) also features significant improvements regarding friction, Walter said. Instead of using a high friction sliding pad on either the main or secondary valve-lift event, Eaton uses lower friction rollers to improve the overall engine efficiency.

"This system is production-ready," Walter said. "We have a global OEM from Europe lined up and it will be in vehicles in 2020. It takes time to build the infrastructure needed to actually produce the system."

Walter admitted that given recent scandals concerning diesel engines and the emissions they produce, selling the technology to the public can be difficult.

"But we aren't selling diesel engines," Walter said. "We are selling diesel solutions to our customers.

"Market research has shown that diesel is here to stay, so it is up to us to support our customers and have the ability to make cleaner diesel tech. This is not bad for us because we can help our customers overcome this serious challenge."

Walter said the beauty of this technology is that it's flexible and can be applied across other powertrains, and used as a way to help reduce emissions produced by gasoline engines.

## **TRANSPARENT** PRICING OFFERS INCLUDE ALL TAXES + FEES

race <sup>T</sup>enters

The Best Price is a Transparent One

Join us as we feed and give hope to those

need it most this Holiday season. Please

purchase your meal tickets today for

\$2.05 each.

Donations to the Grace Centers of Hope

Holiday Meal Ticket Campaign can

be made online at

www.GraceCentersofHope.org

or by calling 1-855-Help-GCH.

Meal tickets can also be purchased at

each of the Grace Centers of Hope

Thrift Stores.

- Lease price with taxes + fees included
- Zero Security Deposit required with easier down payments.
- Only Realistic Rebates
- An experience built upon complete transparency.

2018 Buick Encore









38000 Grand River Ave. | Farmington Hills, MI 48335 888-504-2960 | SellersBuickGMC.com See Dealer for Details



Offers include: Tax, Title, Plate, Transfer, CVR, Doc Fee, GM Employee Pricing, GM Lease Loyalty (must have a 1999 or newer GM lease in household). and 1st Month's Payment. No security deposit required. See dealer for details



FINAL DAYS to get MONUMENTAL SAVINGS on EVERY New Chevy In Stock!

# 2018 "All New" EQUINOX "LT"



- Bluetooth for Phone!
- Rear Vision Camera!

NO Security Deposit required. Tax, title and plate fees extra

24 MONTH LEASE

- Remote Keyless Entry!
- Aluminum Wheels!
- Push Button Start!

Stock# J42686 24 MONTH LEASE The Best Price... PERIOD Sale Price: \$21,599\* Was \$27,745 **NO Employee Discount REQUIRED! \$999** Down

LEASE LOYALTY for Current Chevrolet, Buick and GMC Lessees!\*

# 2018 SILVERADO "LT" 4WD DOUBLE CAB

- ECOTEC3 4.3L V6 Engine! - GM Bed Liner INCLUDED! Color Touch Screen Radio! Steering Wheel Radio Controls! Remote Keyless Entry! - Aluminum Wheels! Stock# J41869

Color Touch Screen Radio!

Bluetooth for Phone! Rear Vision Camera!

- Aluminum Wheels!

Stock# 2J3303

Power Driver's Seat! Remote Start and Entry!

Was \$41,910 Sale Price: \$29,990\* 24 MONTH LEASE The Best Price...

> \$999 Down NO Security Deposit required. Tax, title and plate fees extra

**Use Your GM CARD EARNINGS and BONUS CARD EARNINGS** to Save Even More!\*

## 2018 MALIBU "LT"



Was \$26,895 Sale Price: \$20,499\* 24 MONTH LEASE

# 2018 "All New" TRAVERSE "LS"

2018 CRUZE "LT"

Was \$22,325 Sale Price: \$16,389\*

\$999 Down

NO Security Deposit required. Tax, title and plate fees extra



- 3.6L V6 SIDI VVT Engine! 8 Passenger Seating! Color Touch Screen Radio! Rear Vision Cameral - 18" Aluminum Wheels! Remote Keyless Entry! Stock# J40442

Automatic Transmission!

- Color Touch Screen Radio!

Aluminum Wheels! Remote Keyless Entry!

Rear Vision Camera!

Bluetooth for Phone! Stock#J41093

**NO Employee Discount REQUIRED!** 

The Best Price...

### Was \$32,995 Sale Price: \$27,629\* 24 MONTH LEASE





Van Dyke Across From **GM** Tech Center





PRESTIGE CADILLAC **REMAINING 2017 ESCALADES IN STOCK** 0% APR for 60 months and up to \$15,500 off MSRP or up to \$22,500 off MSRP for cash buyers









2018 ATS AWD STANDARD COLLECTION · STK# 142509 ULTRA-LOW MILEAGE LEASE FOR WELL-QUALIFIED LESSEES WITH A CURRENT ELIGIBLE CADILLAC LEASE

\$256 / 24 PER MONTH MONTHS DOWN

Tax, title, and license extra. No security deposit required. Mileage charge of \$.25 per mile over 20,000 miles



Tax, title, and license extra. No security deposit required. Mileage charge of \$.25 per mile over 30,000 miles

2018 ESCALADE AWD • STK# 205920 STANDARD COLLECTION ULTRA-LOW MILEAGE LEASE FOR WELL-QUALIFIED LESSEES WITH A CURRENT ELIGIBLE CADILLAC LEASE

## Gov. Snyder Tours State To Promote Manufacturing

The National Association of ers, marketers and much more -Manufacturers (NAM) joined Gov. Rick Snyder on Feb. 12 to kick off the fourth annual State of Manufacturing Tour in Michigan.

The events in Michigan marked the first of eight state visits over a 10-day period, where the NAM highlighted manufacturing's optimistic future, the rewarding opportunities the industry offers and the urgent need to build a modern manufacturing workforce across the country, said NAM spokeswoman Gretchen Stallings.

"Manufacturing is on the precipice of a major transformation, and we want to inspire America's youth and the next generation of manufacturers," said NAM President and CEO Jay Timmons.

"Our shop floors are becoming more innovative and modern than ever before, job opportunities are more diverse and fruitful, and the future of the industry is bright. 2017 was a great year for manufacturing, and I know 2018 will be even better."

"The NAM is proud to be with Governor Snyder today to emphasize how Michigan is paving the way for modern manufacturing and the vast opportunities it provides. Governor Snyder shares the NAM's commitment to a talented workforce and well-paying jobs, which was clear during each of today's events."

Timmons noted that Oakland County alone has added 19,000 manufacturing jobs since the Great Recession.

Timmons delivered the 2018 State of Manufacturing Tour keynote address at Automation Alley in Troy, where he discussed the 3.5 million new manufacturing jobs that will open over the next eight years, including coders, technicians, craftspeople, design-

and how the industry plans to fill them.

Timmons also highlighted how pro-growth policies in Washington, D.C., like tax reform and regulatory relief, have reinvigorated the economy.

Following the Automation Alley event, Governor Snyder joined Timmons at Oakland Schools (an intermediate school district) Technical Campus Northeast. Timmons and Gov. Snyder engaged with students and in a dialog about the future of manufacturing and opportunities for students.

Additionally, Governor Snyder signed a proclamation naming Feb. 12 "Creators Wanted Day."

"Manufacturing is resurging across the nation, and Michigan is proudly leading the way," said Snyder. "As we engineer and produce new innovations for the convergence between manufacturing and information technology, I am committed to ensuring our workforce is ready.

"We are investing in talent every day so our students have the opportunity to pursue the many different creative careers offered in the professional trades. There is no better place than Michigan to highlight the state of modern manufacturing."

Timmons continued his conversations with staff at Wyandotte BASF later in the day. He was joined by Congresswoman Debbie Dingell (D-MI) for a facility tour and a roundtable discussion with employees.

"Manufacturing is in Michigan's DNA, and Automation Alley is proud to be at the forefront of a modern, more efficient and hightech industry," said Auto-mation Alley Executive Director and CEO Tom Kelly.

## **Uber Testing New Services**

by TOM KRISHER AP Auto Writer

DETROIT (AP) - The latest variation of an Uber ride will require a short walk.

In eight U.S. cities, the ridehailing company is rolling out a service called "Express Pool," which links riders in the same area who want to travel to similar destinations.

Once linked, riders would need to walk a couple of blocks to be picked up at a common location. They also would be dropped off at a site that would be a short walk from their final destinations.

Depending on time of day and metro area, Express Pool could cost up to 75 percent less than a regular Uber ride and up to half the cost of Uber's current shared-ride service called Pool, said Ethan Stock, the company's product director for shared rides.

State Transportation Center at the University of Washington.

If buses or subways are overcrowded and Uber can provide service for a similar price, that will help with mobility.

"If, however, you are cannibalizing transit that's not over-subscribed, then that becomes a bad thing," Hallenbeck said.

Also, if the ride-sharing service pulls people off mass transit and creates more automobile traffic. that will add to congestion, he said.

The service could complement Uber X, the company's door-todoor taxi service - or draw passengers away from it.

Stock said the system should work well with public transit, providing first-mile and last-mile service for transit riders and by providing service to low passenger volume areas where it's not cost effective for public transit to serve.

\$/69	/ 36 /	/ ZERU
-------	--------	--------

MONTHS DOWN

Tax, title, and license extra. No security deposit required. Mileage charge of \$.25 per mile over 30,000 miles

Payments on these 2018 Cadillac's are for a standard model ATS Sedan AWD with an MSRP of \$39,340, XT5 MSRP of \$41,190 and a Standard AWD Escalade with MSRP of \$78,615 Lease is through GM Financial with ton tier credit approval 10,000 mile per year. Mileage charge of \$.25 for anything over the miles allowed. \$0 cap cost reduction down, only typical startup costs of taxes, license, registration, electronic filing fee, first months payment, acquisition and dealer fees due at signing. Must take delivery out of dealer stock by 2/28/18. Lessee pays for excess wear, over mileage and disposition fee of \$595 at end of lease. Residency restrictions apply. May not be available with other offers. Must have Cadillac Lease Loyalty rebate (must currently lease a Buick Cadillac, Chevrolet or GMC through Ally, GM Financial or US Bank). Not required to terminate current lease or trade vehicle. Loyalty offer is transferable to members of the same household, not required to terminate lease. All quotes using GMS pricing, others slightly higher. ©2017 General Motors. Cadillac® ATS® XT5® Escalade®

PER MONTH



Pool, which will remain in use, doesn't require any walking. Instead it takes an often circuitous route to pick up riders at their location and drops them at their destination.

But that can take longer than Express, which travels a more direct route.

Uber has been testing the service since November in San Francisco and Boston and has found enough ridership to support running it 24 hours per day. Within the next two days, the aroundthe-clock service will start running in Los Angeles; Philadelphia; Washington, D.C.; Miami; San Diego and Denver. More cities will follow, Uber said.

The new service could spell competition for mass transit, but just how much depends on how well it works and how good the mass transit is, said Mark Hallenbeck, director of the Washington

He also says it will reduce congestion by cutting the number of personal vehicle trips.

Express already has ride-sharing competitors such as Via, which operates in New York, Chicago and Washington, D.C.

Express Pool will have normalsized cars, at least initially, and optimally will carry a maximum of three passengers so riders aren't crammed into the vehicles. It could be expanded to sixpassenger vehicles, Stock said.

It will take one to two minutes for Uber's computers to match a rider to a driver and other riders and select a pick-up point, Stock said.

The lower cost of the service should help Uber grow, Stock said. "More riders can afford to take more trips for more reasons," he said. Already Uber Pool accounts for 20 percent of Uber trips in the cities where it's available.

**OVER 1,000** 

**New Chevrolets** 

in Stock!

#### PAGE 9

CALL JEFF CAUL

586-274-0396

# **MotorCities National Heritage** Awards \$70,000 in Grants

The MotorCities National Heritage Area, a nonprofit organization dedicated to the historic preservation of the automotive industry, has launched its 2018 Challenge Grant cycle by awarding more than \$70,000 to groups telling the story of "How we put the world on wheels."

Grant recipients for 2018 include a diverse assortment of projects from physical restoration of historically significant buildings or automobiles to educational programs that chronicle important stories from the region's automotive and labor history, said MotorCities spokesman Bob Sadler.

"MotorCities, now in its 20th year, is proud to continue to support such a varied selection of projects which support our rich automotive and labor heritage and its influence on our communities," said Shawn Pomaville-Size, MotorCities executive director.

Ten projects were awarded grant funding this past grant cycle, he said, including the

**Detroit Blues Society: Supporting** the creation of an educational curriculum and companion book to the recent documentary on the life of Detroit blues luminary Uncle Jessie White - \$2,350.

The Detroit Historical Society got for supporting restoration of a 1934 Chrysler Airflow CU fourdoor sedan from their collection - \$1,176.

The Engineering Society of Detroit (Southfield) got money for supporting production of a special episode of ESD's popular television show, "SciEngiMathePloration," on trends in the transportation industry and STEM and skilled trade careers - \$1,718.

The Ford Piquette Avenue Plant received funding for continued support of the building's roof restoration - \$25,000.

The Friends of the Highland Recreation Area (Highland) got cash to support for the rebuild of the existing center core doors of the Haven Hill Edsel Ford Barn, built by Edsel and Eleanor Ford in the 1920s – \$560.

The Friends of Rouge Park (Detroit) received funding for support to build four signs in Rouge Park explaining the automotive heritage of the property near the former estate of the early 20th Century Ford Motor Company executive Charles Sorenson -\$6.020

The Michigan Institute of Contemporary Art (Lansing) received funds to support efforts to expand screenings of the 2014 documentary, "Second Shift: From Crisis to Collaboration," to a national audience – \$4,000.

Partnership for the Arts & Humanities (Canton) got funds for continued support of efforts to restore the Cherry Hill Veteran's Dormitory, built by Henry Ford in the 1940s to house disabled World War II veterans - \$5,350.

Preservation Detroit. It funding supports the creation of digital archive to preserve Corktown's labor heritage – \$3,084.

R.E. Olds Transportation Museum (Lansing). Its cash is support of repairs to a portion of the Museum's roof that have not been touched for more than 25 vears - \$11.740.

Headquartered in Detroit, MotorCities National Heritage Area Partnership is a nonprofit corporation affiliated with the National Park Service. Its mission is to preserve and promote the region's rich automotive history.



**Thank You for Making Buff Whelan** 

**#1 in the Country for 2017** 

CHEVROLET

tax, title and plate fee due at signing on all least es unless otherwise noted. All deals expire 02/28/2018.





# 2018 Fiat 500 Can Come With Turbo Power

FCA is now offering a small car with big power.

The Fiat 500 lineup goes allturbo for 2018, with the 1.4-liter MultiAir Turbo engine and a sportier appearance now standard on all models, said FCA spokesman Bryan Zvibleman.

With an all-turbo lineup, the iconic Fiat 500 now offers an even more dynamic driving experience and more standard horsepower than any of its competitors," said Steve Beahm, head of Passenger Car Brands -Dodge, SRT, Chrysler and Fiat, FCA – North America.

"In fact, the entire FIAT brand lineup now comes standard turbocharged with power, adding to our roster of fun-todrive, Italian-designed vehicles.

The 2018 Fiat 500 lineup is available in three models, Beahm said – Pop, Lounge and the high-performance Abarth. Pop and Lounge models now come standard with the 1.4-liter MultiAir Turbo engine, which features a single turbocharger, twin intercoolers and a sporttuned exhaust, and delivers 135 horsepower and 150 lb.-ft. of torque – 34 more standard horsepower than last year's model.

The MultiAir Turbo engine is paired with a five-speed manual transmission as standard and is also available with a six-speed automatic transmission, Zvibleman said.

Pop and Lounge models of the 2018 Fiat 500 are also updated with standard 16-inch aluminum wheels, performance braking system, sport suspension and ParkView rear backup camera, Zvibleman said.

Exterior updates include new body-color front and rear fascias, side-sill ground effects, a sport spoiler, fog lamps and



Firat 500 Turbo Power

'Turbo" badging on the liftgate, Beahm said.

On the Fiat 500 Abarth models, the track-tested 1.4-liter MultiAir Turbo engine delivers up to 160 horsepower and 183 lb.-ft. of torque, while Abarthtuned hardware offers a worldclass ride and track-ready durability. Zvibleman said.

Other unique Abarth features include a performance suspension: three-mode electronic stability control with an innovative torque transfer control (TTC) system that maximizes throttle performance during on-throttle cornering.

The new model also comes with 16-inch Hyper Black aluminum wheels and Pirelli tires with red brake calipers.

An Abarth-designed concentric "double-tip" dual-exhaust system is designed to deliver "a high-performance look with menacing Abarth-tuned sound," Zvibleman said.

Should the driver choose to switch to Sport mode in a Fiat 500 Abarth. the turbo-boost gauge, mounted left of the instrument cluster, illuminates 'Sport" and an up-shift light integrated in the cluster alerts the driver when engine speed is approaching the redline, giving the immediate feedback needed on the track or during high-performance driving, Zvibleman said.

Customers who purchase or lease a Fiat 500 Abarth also receive - for no additional charge - a one-day high-performance driving session at the legendary Bob Bondurant School of High Driving, Beahm Performance said.

The 500 lineup also features three new colors for 2018 (late availability) - Brillante Red, Mezzanotte Blue Pearl and Vesuvio Black Pearl - for a total of 11 exterior paint color choices, Zvibleman said.

Any 2018 Fiat 500 model is also available as a Cabrio, delivering open-air freedom across the 500 lineup. 2018 Fiat 500 vehicles are available to order this month, with cars arriving at Fiat studios in the second guarter of this year, Zvibleman said.

## **2018 Calendar Is Filled** With Fun For Corvette Fans

2018 promises to be a busy one for fans of Corvettes.

Larry Courtney, creator of the Corvette Blog – corvetteblog. com – said there will be a number of events of interest for Corvette enthusiasts in the state of Michigan.

 Competition Corvette Club of Michigan is holding its spring cruise on Saturday April 14. It meets at George Matick Chevrolet, 14001 Telegraph Road in Redford Charter Township, and is cosponsored by the Lingenfelter Collection.

To learn more and to register, go to www.competitioncorvetteclubofmichigan.club.

• The annual Corvettes in the D at the Ren Cen will be held on Sunday, May 20, and will feature a new ZR1.

To learn more about the event, email MichiganCorvetteEvents@gmail.com.

• On Sunday, June 10, the Windsor Corvette Club of Canada is holding an event. Email Rpacker4@cogeco.ca to learn more

- The GMC Corvette Set Club holding its annual is Corvette Fest on Saturday, June 16, at the Olde World Canterbury Village in Lake Orion. Go to http://gmccorvetteset.com to learn more.
- The 14th Annual Corvettes at the Summit is set for Saturday, July 14. It will be held at Heritage Park in Canton. To learn more, go to corvette-

satthesummit.com.

Saturday, Aug. • On 11. Corvettes America is holding its annual car show at the Everest Academy in Clarkston.

То learn more, go to http://corvettesamerica.org/Cor vettes\_America/about.html.



Canvas has added features to help customers personalize experiences.





## Ford's Canvas Upgrading **Services Offered**

Canvas, the Ford Motor Credit and other options. Canvas al-Company subsidiary offering a simple, flexible alternative to car ownership, has seen significant milestones less than one year since launch.

The company's subscription model, designed to be convenient and hassle-free giving people access to their own vehicle without the commitment of financing or leasing, has 600 current customers, said Ford spokeswoman Margaret Mellott.

Serving the San Francisco Bay and west Los Angeles areas, Canvas has added features to help customers better personalize their experience, from adding multiple drivers to allowing flexible mileage packages, Mellott said. Canvas customers so far have driven more than 3 million miles – equivalent to 120 trips

lows customers to select a vehicle, mileage package, delivery location and other details easily and conveniently through its website. When a customer is ready to return the vehicle, they simply give seven days' notice and Canvas will pick up the vehicle at a convenient location.

"As car ownership evolves, we see Canvas as part of our suite of products that address changing customer needs in mobility,' said Ford Credit Executive Vice President of Marketing David McClelland. "Canvas is building subscription products that are relevant to consumers today, and it's building technology for the future, including billing and fleet management, with a nimble approach to product development."

Canvas has worked closely with its first customers to under stand how they're using their vehicles to refine the experience to better meet their needs, Mellott said. Momentum to date includes vehicle selection: Canvas vehicles include a wide range of Ford Motor Company models, from compact cars to SUVs and trucks. Canvas launched with two models. Also included is geographic expansion. After launching in the San Francisco Bay Area in May, Canvas expanded to West Los Angeles in November 2017. More personalized packages are a part of the service, Mellott said. Canvas has created more options to allow customers to better customize the service. These include the ability to add multiple drivers to an account - which half of Canvas customers have done - and mileage packages that allow customers to flex mileage up or down as often as they need, even mid-month.

Advertising Rates contact Ad Dept	Tray Control from the factor terms of the factor of the fa
return to TOP OF PAGE	
SITE IS UPDATED ON THE WEEKEND FOR MONDAY, IN TIME FOR THE CURRENT BUSINESS WEEK.	
	TOP OF PAGE HE WEEKEND FOR MONDAY,

# **Our classic tabloid format fits most** of today's mobile device screen resolutions. The scrollable pdf is viewable on tablet or smartphone.

# TechCenterNews.com

around the equator.

"Building on our success in 2017, we plan to further expand our platform and offerings in 2018 to meet even more customer needs," said Canvas founder and CEO Ned Ryan. "Month-to-month subscriptions are just the first step. As our product evolves over the coming year and beyond, we'll be focused on adding more customization to the platform, implementing solutions to improve the scalability of the business and offering bigger savings for customers who want longer terms.'

With Canvas, Ryan said customers have a vehicle 24/7 as if it were their own. They pay a bundled monthly subscription fee that covers a preferred mileage package, comprehensive insurance, warranty, maintenance and roadside assistance.

Packages start at \$400 a month depending on the vehicle





# EN SATURD

Monday & Thursday: 8:30am - 9:00pm. Tuesday, Wednesday, Friday: 8:30am - 6:00pm. Saturday: 10:00am - 4:00pm.

HIGHLAND (248) 717-2365 3372 West Highland Rd. M-59 and Hickory Ridge

LIVUNIA	
(734) 344-5015	
32570 Plymouth Rd.	42

LANSING NOVI (248) 513-8916 (517) 489-3743 42355 Grand River Ave. 2801 E. Michigan Ave.

#### NEW HUDSON

(248) 782-6461 30400 Lyon Center Drive I-96 and Milford Rd.

#### WATERFORD

1800 PRE-OWNED SUPERCENTER (248) 257-5647 5300 Highland Rd.

#### 6,000 NEW AND PRE-OWNED AVAILABLE CHEVROLET

#### FIND NEW ROADS

\*Must qualify and lease through GM Financial Leasing. Plus tax, title, license, destination, doc, CVR, acquisition fee and first month's payment. Must have qualifying lease loyalty in the household. Miles per year reflect the total odometer reading upon lease end. This is a low mileage lease. Actual miles may vary based on current odometer reading. Must be a CTP unit. Requires 700+ FICO 09 to qualify. Other restrictions may apply. No security deposit required. Payments may include up to \$2,000 Feldman Cash. Limited availability. See dealer for details. Due to advertising/GM incentives, prices/programs are subject to change. Programs end 2/28/18.

PAGE 12



## GM CARD TOP OFF UP TO \$3,000 • NO APPOINTMENTS NECESSARY FOR OIL CHANGES

