



HEALTH  
**Night owls  
might face  
more health  
issues** ▶ 8B



**Barbara Bush's  
letter to children  
hangs on wall  
of North Lake  
library** ▶ 2A



# The FREEMAN

*A Trusted Tradition since 1859*

## Twirling in Candy Land



Mary Catanese/Special to The Freeman

WAUKESHA — Lily Brunclik, Catholic Memorial High School sophomore, performs solo and on a national team. The Revolutions Twirling Club of Waukesha held the first Candy Land baton and dance competition on Saturday at Waukesha North High School. It's an NBTA sanctioned open baton twirling and dance competition for teams and solo twirlers.



Ella Chanan, Butler Middle School seventh-grader, and Lauren Birschback and Nicole Wallace, both of Waukesha North High School, practice for the competition at North on Saturday.

## Waukesha receiving award for Clean Water Plant project

**By Cara Spoto**  
cspoto@conley.net.com  
262-513-2653

WAUKESHA — The city of Waukesha's \$41.5 million Clean Water Plant project has been honored by the Wisconsin Chapter of the American Public Works Association with a Project of the Year award. The award will be formally presented to the city at a ceremony on May 3 at the APWA's statewide conference in Green Bay.

According to a press release issued by the city, the Public Works Project of the Year Award recognizes the strong alliance between the managing agency or city, the consultant/architect/engineer, and the contractor to effectively complete a public

works project.

Planning for the project began in 2010. Construction began in February 2014 and was completed last year.

Among the notable aspects of the project is the new egg-shaped digester, which processes the plant's biosolids. The project also included a centrifuge for dewatering, as well as modernized laboratory space, bio-retention basins for stormwater, and exterior building repairs.

Since parts of the plant were repurposed and reused as part of the new, innovative concept, outstanding project management was critical. At the request of Public Works Director Dr. Fred Abadi, one of the primary design engineers was utilized as a resident engineer on site,

streamlining communications in the field during construction. The effort, which created a "communication alliance" between the city, engineering firm Strand Associates, Inc., and contractor CD Smith, kept the project on track and under budget, and is credited with helping the project win recognition from APWA.

"Waukesha's Clean Water Plant project is undoubtedly a success story in our infrastructure history," Abadi said of the project. "The technology and treatment processes designed by Strand will serve the needs of our community well into the future, while continuing to provide high quality wastewater treatment and protection for the environment."

## From the Waukesha police blotter

**4:50 p.m. Friday** — A passerby in the 2100 block of Springdale reported seeing a man lying straight across the sidewalk. An officer found nothing wrong with the man, who said he wanted to lay down on the sidewalk. He explained that he had been waiting for the bus for over 30 minutes, and there was no bench to sit on. >> **More on Page 7A**



## TECHNOLOGY

# Are you connected?

New car technology promises to get you there

By JoAnn Petaschnick  
Special to The Freeman

WAUKESHA — If you haven't shopped for a new vehicle lately — even if you have — get ready for something completely different coming in automotive technology.

Your new ride could come equipped with predictive analytics, Wi-Fi, or an interchangeable outer body that can be popped off in one piece and replaced after a crash. You might even be able to sign up to drive one car for a time and then swap it for another.

Much of the innovative technology offers convenience to the driver, although some of it might make you feel a bit like Big Brother is watching. "These trends will transform how industry players respond to changing consumer behavior, develop partnerships and drive transformational change," says Ivan Lawler, director of operations with the Russ Darrow Group in Waukesha.

### Connected cars

A "connected car" is equipped with internet access, and usually also with a wireless local area network that allows the car to share internet access with other devices inside and outside the vehicle. Connected cars will be able to share information about driving conditions like weather, speed, sudden braking, accidents and more. "It's the beginning of what is called vehicle-to-vehicle or V2V communication, a Wi-Fi-like technology that will eventually be standard on every new car," Lawler says.

In fact, if you have an iPhone, you might not have to wait. "Apple CarPlay takes the things you want to do with your iPhone while driving and puts them right on your car's built-in display screen. Everything on your phone pops up on your touch screen," Lawler says. You can get directions, make calls, send and receive messages, and listen to music, all in a way that allows you to stay focused on the road.



Submitted photos

Cars are getting more connected, such as this Toyota Corolla, with some vehicles able to share information about driving conditions like weather, speed, sudden braking, accidents and more.



New cars are continually coming with more advanced technology, such as this Kia Sorento.

## SOUND OFF

What do you think?

Phone: 262-513-2641  
Email: soundoff@conley.net.com

### Blockchain

The technology behind the digital currency bitcoin is drifting over to the auto industry in the form of vehicle sharing. The concept is not new, but the use of blockchain technology to record vehicle ownership, log the use of vehicles and share insurance costs is new. It could enable shared use or ownership of fleets of vehicles, such as a group of cars parked in a high-rise that residents could use as needed. "In the automotive business, blockchain technology can create a trusted, accurate protocol for this supply chain," Lawler says.

Along those lines, some automakers like Cadillac and Porsche are testing vehicle subscription services. BMW has launched a pilot program in Nashville ("Access by BMW") that lets members swap one BMW vehicle for another through a mobile app. For a monthly payment that includes insurance, maintenance and roadside assistance, members get

unrestricted access to a select group of BMW vehicles.

### Predictive analytics

Collecting data has been one of the primary game-changers in every industry and that includes car makers. The streams of information generated by connected cars, such as data from sensors, actuators and machines, can be useful in predicting when cars need servicing, parts replacement or other repairs.

"Predictive analytics will also help customers, from less expensive insurance for safe drivers to fewer breakdowns. Plus, with potential problems fixed early, vehicles will last longer," Lawler says.

If the idea of shared data makes you nervous, experts say it is incredibly secure. Because the information is contained in no single, centralized location, it is not susceptible to hacking or altering. "The information will be protected. Some car manufacturers have teams doing research on this, and I believe we'll see it in the next 5 to 8 years," Lawler says.

See AUTOS, PAGE 8A

## M: Milwaukee's Lifestyle Magazine to become MKElifestyle in June

CEDARBURG —To coincide with its 25th anniversary, M: Milwaukee's Lifestyle Magazine is undergoing a name change to MKElifestyle starting with the June 2018 issue.

Also known as M Magazine, the publication is produced by the same parent company as The Freeman, Conley Media Group.

As MKElifestyle, the magazine will maintain its distinct editorial identity targeted to specific regional interests and will continue to be distributed to more than 63,000 select homes and businesses within a four-county area.

"Our readers will find that our editorial content will remain familiar. The magazine will continue to support the growth

and vitality of greater Milwaukee with its award-winning content on home, health, fashion, dining, culture and events," Publisher Fran Gimla said of the magazine.

During its 25-year history, the magazine has evolved. Northshore LifeStyle was introduced in December of 1993, LifeStyle West followed in 1996 and City LifeStyle made its debut in 2000. In 2003 the three publications merged into M Magazine and eventually became M: Milwaukee's Lifestyle Magazine. Editorial, advertising and production offices continue to be located in Cedarburg.

See the magazine in Thursday's paper.

— Freeman Staff



### INDEX

Business.....	4A	Lottery.....	2A
Classified.....	5B	Obituaries.....	7A
Commentary.....	5A	On this day.....	7B
Community.....	7B	Sports.....	1B
Crossword.....	7B	Weather.....	8A

### WEATHER



Tomorrow:  
Mostly sunny  
High 51 / Low 32

See complete forecast on Page 8A

## FREEMAN ONLINE:

Subscribers get free access to the full electronic edition of the newspaper at:  
**gmtoday.com/freeman**