

# Put Technology TO WORK

QUARTERLY UPDATE FY2016

VOLUME 1, ISSUE 3



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## Arlington's Put Technology To Work Committee

In conjunction with the Put Technology to Work Council Priority, the city organized a committee spearheaded by Dr. Theron Bowman.

Currently, the committee is working on a kick-off seminar that will provide the knowledge and tools that our city officials need to actively implement new technology based ideas. This seminar will serve as a platform for the organization to meet and exceed the technological expectations from residents and businesses.

Deputy City Manager, Dr. Theron Bowman said, "The PT2W committee is working hard to identify emerging technologies that will start to impact us as soon as next year. We are making sure our city leaders have the best information available as they select the optimal investments for Arlington's dynamic future."

The seminar is tentatively set to begin in the summer of 2016.



## Arlington Public Library Receives Teen Tech Week Grant

The Arlington Public Library is one of 20 recipients of the Teen Tech Week Grant from the Young Adult Library Services Association, a division of the American Library Services Association.

The library will receive \$1,000 to support Teen Tech Week digital literacy programming for and with underserved or marginalized teens.

"Technology is a huge part of what our students are learning in school today, and so much of it can be learned in fun and engaging ways," library services manager Stacy Garcia said. "This grant provides a wonderful opportunity for us to showcase what we are able to offer teens that is not only enjoyable, but an enhancement to their education."

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## UTA Researcher Developing Effective & Safe Cold Therapy

Cold therapy has long been prescribed for those recovering from orthopedic surgery, muscle inflammation and sports-related injuries, with treatments ranging from ice baths to immersion in whole-body cryotherapy chambers.

Yet the risks to exposed skin and blood vessels constricted by temperatures of 50 degrees Fahrenheit or below can be severe, leading in some cases to nerve and tissue damage, neuropathy and more serious impacts on the treated limb. Between 1,500 and 2,000 cases of such injuries are reported in the U.S. each year.

Researchers at The University of Texas at Arlington and The University of Texas at Austin are developing a solution in the form of what are believed to be the first formal protocols for effective and safe use of cold therapy, and a state-of-the-art cryotherapy device that can stimulate blood flow to keep tissue healthy and minimize potential side effects.

Anne Bavier, dean of the College of Nursing and Health Innovation, commended the initiative as a model of the University's work to advance Health and the Human Condition.

Bavier said, "This valuable work will provide the knowledge and new technologies needed to ensure patient safety while providing the benefits that cooling treatments have been known for since the time of Hippocrates."

# Updates

## City Uses Pre-Chlorinated Pipe Bursting Method To Replace Aging Water Mains

A neighborhood water main replacement project typically means weeks of noisy construction equipment, torn up streets and intermittent water shut offs for affected residents.

But that may be a thing of the past for Arlington neighborhoods thanks to an alternative water main replacement technique known as pre-chlorinated pipe bursting that is being explored by the city.

Last fall, the City Council approved a nearly \$1.2 million contract with Murphy Pipeline Contractors, Inc. to replace 10,200 linear feet of water main along seven streets in an East Arlington neighborhood near B.C. Barnes Park.

Since the project launched in January, the contractor has been replacing decades-old water mains with a high-density polyethylene (HDPE) pipe that is flexible and non-corrosive. Not only is the plastic pipe designed to last longer and be less prone to breaking, the technique being used to lay the pipe is quicker, less disruptive to residents and more eco-friendly.

Pre-chlorinated pipe bursting is one method to replace underground pipe without digging a trench down the road. Eighty five percent of the work occurs underground. This technique allows hundreds of feet of jointless pipe to be installed with minimal excavation, which means less damage to existing landscaping and roadway surfaces and shorter construction schedules.

"This eliminates some additional costs and allows us to replace more lines," Water Utilities Director Buzz Pishkur said. "More importantly, residents don't even notice it. We can replace an entire water line while people are at work."

The method is also more environmentally friendly than traditional construction methods. Less heavy machinery is required, meaning considerably less greenhouse gas emissions.

After work is completed in the east Arlington neighborhood, the Water Utilities Department will evaluate whether to begin using the pipe bursting technique in future water main replacement projects.



Traditional water main construction requires an open trench to be dug parallel to the existing water main that is being replaced.



The pre-chlorinated pipe bursting method means the City doesn't have to dig an open trench down a street to replace an old water main.

# Highlights

## Brand + Aid

The Arlington Parks and Recreation Department hosted its 5th Annual Brand+Aid Marketing & Social Media Conference at the Bob Duncan Center in January of this year.

Bringing over 160 marketing and parks and recreation professionals from around the country to the “American Dream City,” attendees learned new skills and tools for better marketing of their businesses in the digital era.

Brand+Aid started in 2012 as a way for Arlington Parks and Recreation staff to improve their marketing skills in order to better communicate the services the department offers to the community.

“We realized that all of our staff were marketers in some form. This conference allowed us to provide marketing education to our park planners, program

coordinators, golf pros and more,” said Gary Packan, Parks and Recreation Assistant Director.

Typically, municipalities have not put a priority on marketing in the past. That trend began evolving as budgetary pressures and community expectations elevated, but the Arlington Parks and Recreation Department believes otherwise.

“It is important to provide opportunities for city staff

to improve their skills in the profession. We are honored to be the leader of Brand+Aid and marketing training for our profession,” said Lemuel Randolph, Parks and Recreation Director.

The Brand+Aid Marketing & Social Media Conference works to achieve two of the City Council goals; “Put Technology to Work” and “Supporting Quality Education” at the same time.



## Arlington Water Utilities Unveils New Payment Kiosks

Arlington Water Utilities offers several authorized payment options for residents to pay their water bills, and now the department is making it even easier with new payment kiosks at City Hall and the South Service Center.

On February 1, 2016, touch screen Pay Site payment kiosks were made available 24/7. There is a \$3.00 convenience fee for credit/debit card transactions, and a \$1.50 convenience fee for cash and check transactions. When using these kiosks, payments are posted to the water account immediately and the customer is provided a receipt.

The night depository payment boxes at 101 W. Abram St. and 1100 SW Green Oaks Blvd. are no longer available to receive payments as of March .

“Water Utilities is pleased to embrace technology and offer our customers a payment method that provides the opportunity to pay 24/7 by cash, check, credit/debit card with the convenience of immediate posting of the payment as well as a printed receipt,” said Water Utilities Director Buzz Pishkur. “Customers will also have the ability to pay other utility bills on the Pay Site kiosks.”



# Social Media By the Numbers



# 20,593

Households on Nextdoor

Posts reach a total of

# 25,872

City of Arlington residents

Thank  
You!

Thanked  
455 times  
by our residents



## Arlington's New Digital City Hall Kiosk

With technology constantly evolving, it's important for the City of Arlington to stay up-to-date with interactive tools for residents, including ways to make it easier to find information when visiting City Hall. The updates in the main lobby are in line with "Put Technology to Work", a key priority for the Arlington City Council.

The touchscreen interactive Digital Directory Kiosk was installed in December 2015 and includes a 75-inch high resolution flat panel LC touch-screen monitor. The ADA accessible menu contains a custom welcome screen with the date, time and temperature in a design consistent with Arlington's brand, "The American Dream City." The screen has an image rotator, scrolling messages, an announcement banner, and an alphabetical listing of City Hall departments, services and location.

The kiosk also serves as a great tool for residents to access content produced on the MyArlingtonTV channel and YouTube channel. All MyArlingtonTV videos are accessible on the kiosk, and residents can also access the full City of Arlington website and MyArlingtonTX.com news page. Live area traffic maps, local weather forecasts and live headline news round out the extensive features.

The kiosk will support the City Council priority and improve access, convenience and timeliness of information for the community, creating greater transparency in the process.