



WASHINGTON STATE
UNIVERSITY

Facilities Services Newsletter



June 2018

Water Leak Emergency

By Greg Strevia

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Left to right: Tim Leachman, Dale Clark, Mike Griswald, Todd Leisinger, Mark Hadaller, Steve Holbrook and Earl Leland. Todd is holding the 6" cast iron water line with a hole blown out the side that was the cause of the water leak..



Dale Clark down in the hole where the pipe repair was completed. Notice the hole has proper shoring. Great job crew!

When the six o'clock crew showed up for work on May 21st they were faced with an unplanned emergency. On Campus Avenue in front of Wilmer Davis there was a significant amount of water coming up in the middle of the street. Within minutes Heavy Equipment and Utility crews were mobilized. Heavy Equipment called in the emergency locate while their track hoe and dump truck headed out to the site. Utilities perused our utility maps putting together a shutdown plan while other utility workers started gathering up parts for the impending repair. Many other activities were also going on. Traffic controls needed to be established and pumps were brought in to remove the excess water. After a couple hours of digging we unearthed an old 6" cast iron water line with a hole blown out the side. Dale jumped in the ditch cut out the bad pipe and replaced it with a brand new piece of plastic water line. With great coordination between the shops we were able to have the leak repaired and the water on at about 12:30 p.m. Thanks to everyone for making this quick turnaround possible.

Enter the Safety
Question Contest
on the last page of
this Newsletter
and you could win a
PRIZE!

From Dan Costello, Asst. VP of Facilities Services, Operations

When Change is Good.....I would like to return to my analogy from the last two newsletters; that our organization is like a boat with lots of different people, each with their own roles and responsibilities, all valued, all pulling in unison and all focused on the same point on the horizon. The point on the horizon is being the service provider of choice characterized by being collaborative stakeholders in the research and academic missions, technically competent at our work, and good stewards with our time and money.

Have you ever noticed that change requires the application of some sort of force? For example, if you want to change the direction of a tennis ball, you have to hit it with the racket (I was going to make a golf analogy, but when I hit a golf ball it can pretty much be characterized as a random event). To control your change, you have to make a conscious effort to apply some sort of force. But change can be stressful and I would like you to know that I understand that and don't make change for change's sake.

Recently, we integrated the construction electricians into the Fire Life Safety/Electronics Shop where they will be blended with the maintenance electricians to create a single electrical element performing electrical work; construction, maintenance and repair.

This is either a new concept or a really old one (depending on how long you have been working at WSU), but it is different from how we looked six months ago.

Here is why we did it. First, it provides flexibility in how we assign work. Our electrical work has seasonal peaks. Luckily, our construction work peaks in the summer while our maintenance work is more level with some increase with severe winter weather events. So when we combine the shops, we have a more leveled work requirement year round. Second, it reduces our overhead costs by one supervisory position. Since we have the lowest employee to supervisor ratios in the PAC 12, this moves us closer to our peers and reduces our indirect costs making our services more cost effective. There are also some ancillary benefits. Our work groups will not be aligned with a single source of funding (operations, capital or departmental) which provides some flexibility as budgets ebb and flow. Our electricians will also have an opportunity to work on a wider variety of types of electrical work which will enable them to gain wider levels of work experience.

There are still some details to be worked out. I have asked the electricians to share their ideas as to how we can make this work better as we move to a more integrated electrical element over the next several months. For example, it would be helpful if we had more efficient storage of shop stock and a single space where from which the electricians can work. I am sure there are others and am excited to see the solutions this talented group can come up with.

In summary, we are making the change because it reduces our overhead costs and enables more effective and efficient scheduling. There are some additional benefits related to providing a broader work experience and being less reliant on a single funding source. So while I don't make changes for the sake of change, we will make changes when it makes sense and moves us closer to our vision of being the service provider of choice.



Look for Changes in Recycling at WSU.....By Rick Finch

In case you hadn't heard, global recycling markets have been dramatically changed as a result of changes in environment policies in China. You might wonder, "What does that have to do with recycling at Washington State University?" The answer is, a lot!

In 2008 WSU converted part of our recycling system from source separated recycling to "Comingled or Single Stream". At the time the value of the comingled material was about \$50/ton but fluctuated between \$25 & \$85/ton

for the next several years. These commodity values were about 35% of the value of the aggregate value of all the materials that were in the recycling mix. We went from managing fourteen separate commodities to our current four recycling streams of cardboard, office paper, scrap metal and comingled recycling, for everything else. Despite the reduction in commodity value the change was financially beneficial because it dramatically reduced the cost of collection, processing and storage of materials.

RECYCLING.....continued on page 3

RECYCLING.....continued from page 2

This was one of several changes that brought the recycling from a net annual operating loss to a fiscally sustainable program. When commingled recycling was launched the material we collected and processed was mostly free of physical contaminants except for some glass and plastic bags. WSU was supposed to be paid for our comingled material based on surveys of our loads. We were to receive premium pricing for higher percentages of high value material such as aluminum cans and white ledger paper. Conversely, we were to receive deductions for materials such as plastic bags, glass and other unacceptable items, but this never happened. Instead comingled was treated as a commodity and WSU's material received the same pricing as residential material in Spokane or Seattle. As a result there was no incentive to try to reduce contaminants in the recycling. What has happened nationwide is that contamination rates in comingled recycling has risen to 20 -25% non- recyclable material. To make matters worse, much of the contamination is food or just plain household garbage.

Until January 1, 2018 about 75% of all recycling collected was exported, with China being the world's largest importer buying about 65% of all US Recycling. China announced in July of 2017 that import licenses and quotas would be significantly reduced and contaminant levels on imported materials could not exceed 0.05%. This is a level that most US material recovery facilities aren't even sure is possible. During the first two months of 2018 the level of imported recyclables into China fell to 2.5 Million Metric Tons from 5.9 MMT in the same time period in 2017. From July of 2017 to May of 2018 the price of comingled recycling has fallen about \$129/ton to **(-\$112)/ton**. It currently costs about the same to ship comingled recycling as it would cost to dump it at the Whitman County Transfer Station as waste.

It would be hard to place any blame on a country such as China for wanting to clean up this industry and stop importing the world's waste. Besides the high levels of plain garbage in the recycling they were importing, much of the recyclable product was ruined by organic staining from the food and liquids that are left in containers that are then placed into the recycling.

US recycling programs, including ours at WSU, have for several years taken the approach of, "when in doubt, put it in the recycling". The term in the industry for this is "Wish Recycling", I wish it were recyclable, and then we feel better. State and local governments have unknowingly encouraged this behavior by setting lofty diversion goals for recycling programs. The large sort plants and processors have allowed or encouraged this behavior due to the competitive nature of the business by telling municipal programs they

could include items in their collection program that were known to not be recyclable, that they were then sorting out as garbage or hiding in material that was being exported. So that covers how we got to the point that it cost as much to landfill mixed recyclables as to throw them in a landfill. What next?

It is already clear that many materials that have traditionally been recycled have value in manufacturing in the US and worldwide. The US and other countries are looking to develop infrastructure to make up for the loss of China as the major importer of recyclables. It will take two to three years to develop new processing capacity and markets but it will happen. One thing we are certain of is; the material being shipped as recycled commodity will need to be cleaned up and virtually free of contaminants. It is my belief that after these market corrections, recycling markets will be more stable and the material will have a higher value.

WSU is better positioned than most municipalities, we did not go 100% comingled, approximately 25% of the recycled material we sell is comingled. Cardboard, office paper and scrap metal are collected as separate commodities. Prices for these commodities have fallen but they still retain a positive value in addition to the avoided cost of landfilling. That being said, what you will see at WSU is an emphasis on cleaning up our material. We will clarify what can and cannot go in recycling containers and the mantra will be something like "When in doubt, throw it out!" We will place an emphasis on emptying beverage containers before recycling and no food, no plastic bags and no glass of any kind, to name a few. We will also narrow the focus in areas where we collect food for composting to **food only**; this is another area where high contamination levels are causing problems at WSU. Because we view the comingled situation as temporary we will continue to try to communicate and educate and offer comingled recycling where it makes sense, and where we collect clean material. In the short term we will consider reducing services in areas where contamination is too high, such as most outdoor public containers, some lab buildings and high density residential areas.

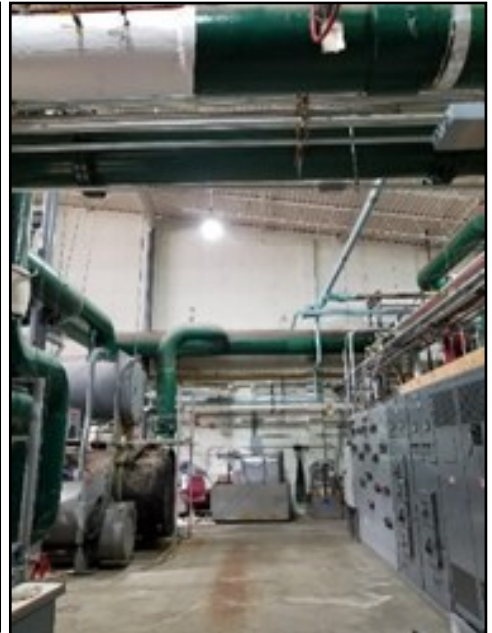
Please do your part by looking at the labels on the recycling receptacles, removing recycling from plastic bags before you place it in a recycling container and emptying food and drink containers before you recycle them.



LED LIGHTING ON CAMPUS.....by Ryan Gehring

LED (light-emitting diode) lighting in the work place and in residential use is becoming common. Good quality LED lamps can achieve thousands of hours of useful life, and can far outlast the traditional incandescent lamp. Energy consumption can be cut by 80 percent, and only produce a fraction of heat. LEDs do not contain mercury and have a far less environmental impact than the compact fluorescent predecessor. Facility Services Utility Electricians are utilizing the self-driven LED lamp technology in exterior lighting and tunnel applications with encouraging results. By using this application, it eliminates the need for a ballast and starter. This will save money on the overall maintenance costs and create better lighting overall benefiting the customer.

Interior LED fixture and lamp upgrades have been installed in various spots on campus by Electricians and Maintenance Mechanics. Avista rebates are available for commercial customers, and help offset the cost of the fixtures and lamps. LED lighting control and dimming functions can be accomplished by many manufactures and come onboard with the fixtures. In all cases, before and after LED is installed, many things are considered and manufacturers recommendations are followed so the desired result is achieved in the end. The LED technology has been time proven so we will continue to move in that direction as time and costs allow.



All Campus Picnic August 17, 2018

Location: Cougar Way

Food lines open at 11 a.m. and close at 1:30 p.m.

Employees eat for free with your WSU ID



WSU Holiday Schedule

Independence Day	July 4, 2018
Labor Day	September 3, 2018
Veterans Day	November 12, 2018
Thanksgiving	November 22-23, 2018

Christmas	December 24 & 25, 2018
New Years Day	January 1, 2019
Martin Luther King Day	January 21, 2019
Memorial Day	May 27, 2019

5 Tips for a Safe Summer.....by Sarah Greer



#1 Sunny weather. With summer comes warmer weather. Make sure to stay hydrated. Drinking water every 20 minutes is the best. Apply sunscreen frequently to avoid sunburn. Practice good sun safety by using what you've learned at work about Heat Stress. Talk to your family about what they should and should not do.

#2 Insects! Put up your yellow jacket traps to get them under control earlier in the year. Avoid being out at dawn or dusk and if you are then wear long sleeve shirts or apply insect repellents frequently. Use insect repellents to keep pesky mosquitos, ticks and other insects away.



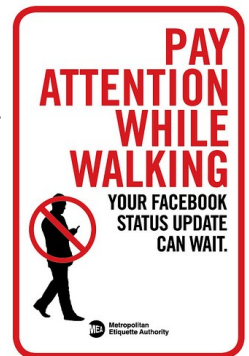
#3. Water fun. Check conditions before swimming. Use personal flotation devices as needed and in boats. Remember younger children are at a higher risk when around even small amounts of water.

#4 Driving safety. Stay alert! Take breaks if driving long distances to stretch your legs, increase circulation and alertness. Watch out for sun glare. Keep the windshield clean for better visibility.

Perform a pre-trip check to make sure all systems are a go, tires are in good condition, and lights are working.



#5 Distracted walking?. We all know that distracted driving kills. Pull over if you need to talk or text – its a good time to stretch those legs! Distracted walking is also a big cause of accidents. Instead of looking down – look left right left when crossing streets and intersections. Make eye contact with drivers to make sure they see you.



MARK YOUR CALENDARS!

Facilities Services Employee Appreciation Picnic!

July 19, 2018

11 am to 1 pm

McCluskey Services

East Parking Lot



SIGN UP TO PLAY!

Jess Ford of Pullman Hardhat Classic Golf Tournament Scholarship Fundraiser!

July 28, 2018

hardhatclassic.wsu.edu



Questions: Jackie Hedenstrom j.hedenstrom@wsu.edu

SERVICE AWARDS



Nick Lawrence
5 Years



Robert Lewis
5 Years



Stacy Gravel
10 Years



Jimmie Phillips
10Years



William Wharton
15 Years

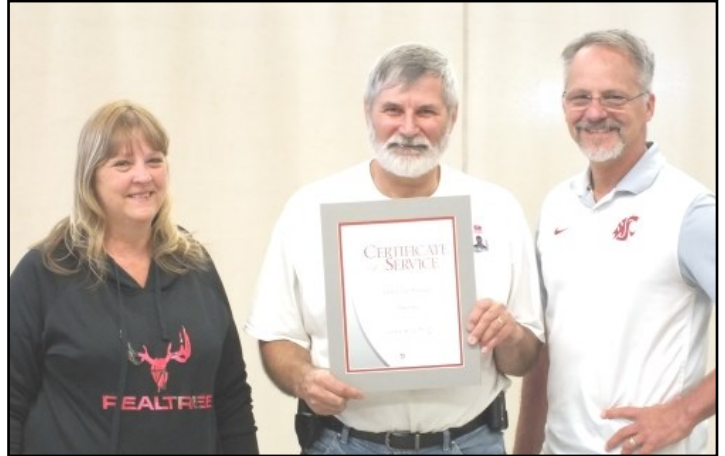


Earl Leland
20 Years

SERVICE AWARDS



Anne Pinard
20 Years



James Nielsen
20 Years

Service Award Recipients Not pictured:
Jason Harper...10 Years Cui Ying Shen...20 Years

WELCOME NEW EMPLOYEES!

New employees were introduced at the Service Awards Presentation on May 30, 2018 in the Carpenters Shop. Pictured left to right: Jake Frazier, Grounds Nursery Services Specialist 2; Matthew Neely, Custodian 1; Dzhamilya Ismailova, Custodian 1; Darlington Oje, Custodian 1.

New employees not pictured: Gideon Burum, Maintenance Mechanic 1; Shauna Ham, Custodian 1; Angelique Seybold, Custodian 1; Nathan Kite, Truck Driver 1



Congratulations!

Logan Larson
Promoted to
Maintenance Mechanic 1

Retirements



Vern Illi
Supervisor in
Maintenance
Services

**Congratulations to the Facilities
Services recent RETIREES!**

Congratulations!



ENJOY RETIREMENT!



Doug Powell
Custodian 1
Custodial
Services

TRAINING FOR JUNE & JULY

Tues, June 12

Shop Safety Meetings – Insects Wasps and Spiders

Wed, June 13

EHS Basement (Matt McKibbin 2 hr class)

8 – 10 a.m. Asbestos/Lead Awareness for Trades

Wed, June 20

Capital Safety Training –

8:15 am Jason Sampson Waste issues

Tues, June 26

McCluskey Training Area rm 70 (Biosafety instructor led)

8:30 – 9:30 a.m. BSL 3

12:30 – 1:30 p.m. BSL 3

Thurs, June 28

McCluskey Training Area rm 70

(Biosafety instructor led)

8:30 – 9:30 a.m. BSL 3

Tues, July 10

Shop Safety Meetings –Wildfire Smoke

Wed, July 12

EHS Basement (Matt McKibbin 2 hr class)

8 – 10 a.m. Asbestos/Lead Awareness for Trades

Wed, July 18

Capital Safety Training – 8:15 a.m.
Silica?



Questions on signing up for a class?

Contact: D. Thomas

At the front desk in McCluskey Office Bldg. or 335-9051

Fire Extinguisher Training

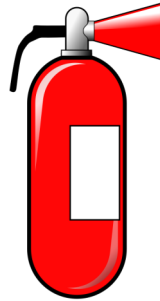


Todd Leisinger

Fire Extinguisher Training was conducted by Darren Jones, WSU's Fire and Safety Compliance Officer. The training was conducted on May 22, outside the WSU Public Safety Building. Attendees practiced putting a fire out on a motor that is made for this type of training. The training is required every two years for those positions identified as requiring it.



Joanie Thomas



Brian Lesko

KUDOS

"Thank you (**Kevin Cochrane**) so much for all your assistance over the past four semesters we've run the Pet PALS study. We appreciate your help with moving furniture back into its proper place, vacuuming up dog hair, unlocking doors when we were locked out. We hope you know we recognize your work. The conversations we shared were also very bright part of my days running the program. You were always so happy and I always walked away with a smile."

Alexa and the Pendry Lab

"**Taylor (Bartlett)** started working in our building several weeks ago. She is hard working, friendly, and interested in those around her. I've talked to other faculty and staff and the opinion seems to be unanimous – we want to keep her!"

P. Hunt

"Wanted to let you know that your custodial staff (**Tammy Kelly, Jonathan Williams, Angie Wilbur**) did an excellent job cleaning the carpets in 346 French Ad this past Friday. I don't know how old the carpets are and they are a bit worn but the custodians managed to make them look pretty darn good!"

M. Zimmerman

"I just wanted to let you know how phenomenal our custodian **Kyle (Davis)** is. He works extremely hard, is precise in all his duties, and often just goes above and beyond."

C. B. Chapman

"I do want to say how much I appreciate the Facilities Operations staff especially Jon (Asplund) that have helped me with heating/cooling unit problems, a leak in the ceiling, replacing ceiling tiles, and the window. All the workers (**Dave Stodick and Craig Gray**) that have been to my office have been extremely courteous, polite and very respectful with helping me. They have been good problem solvers and have done great work."

D. Moore

Thank
you!

KUDOS

"We recently had 2 of your employees (**Craig Gray and Dave Stodick**) come over and replace 3 sets of blinds in 2 of our offices. I wanted to be sure to express our thanks for such fantastic service. I submitted request #2018-020139 on 3/26/18 and within a couple of hours that same day the guys were there to replace our blinds, I was blown away by such fast service. The speed was way beyond our expectations. They were in and out really quickly with no fuss or mess. Great, great, great work! Thank you Facilities Services!"

J. Lusby

"I wanted to pass on this thank you from Chris Keane for providing support and planning for the delivery requirements to the Fulmer Complex while the Syn Building elevator was down. It shows a willingness to work together to provide the Campus support when we have system failures and the ability to adapt difficult situations. Much like when the Heald/Eastlick elevator went down the different groups pulled together to keep the clients in business. Olivia and Stacy Pearson also say thank you. Thanks to all who helped work through this and pass on to others I may have missed."

C. Fischer

Following is Chris Keane's note mentioned in the KUDO above: "Thanks to you and your team for your prompt attention to this very important issue. As you well know, maintaining the nitrogen supply to the NMR lab is essential for it to function- and not fail catastrophically! The numerous NMR users are also very grateful for your help. Pls. pass on our thanks to all who helped in this effort!"

C. Keane

"You and your team (**Seth Goler and Bill West**) do great work and we love the name plates so we're double happy we can still work with you even though we are in Spokane."

S. Kohler

"**Motor Pool Staff** is Awesome! Thank you for all of your help to secure vehicles for our RED on campus interviews. The ease of being able to make adjustments was so very helpful! Thanks for being an awesome team to work with!"

With Gratitude, Residence Life

"I wanted to send a quick note to recognize **Corrina Johnson**, Custodian, for preventing a potential fall. She noticed the 3rd floor of Abelson had something slick spayed on the linoleum. She immediately placed cones around the area and cleaned up the area. She

always has her eyes open for possible safety hazards. We appreciate having her in our building! "

L. Larrabee

"That is the nicest tower (Goat Hill tower) I've ever seen! The shops (**Lyle Branting, Jason Brausen, Rich Miller**) did a beautiful job."

S. Black

"The job (Bustad Hall 40H Countertop) is done. Thanks to **Eric (Sorenson)** for doing such a nice job!"

J. Luft

"I just looked it over. (Project: ABDF Install Chain Link Fence with Lockable gate room 1000SA) It is everything I need it to be. Thank you and the crew!" (**Jon Schlee, Rich Miller, JB Self, Jeff Gulick**)

G. Turner

"Thanks, **Seth (Goler)** Has been Proven to be very helpful with our work requests!"

Q. Jacobs

"Thank you for accommodating the furniture move this morning at French 2nd floor. Your team (**Bill Ettenhofer & Kelsey Southwick**) is amazing!"

S. Gravel

Project: VTH install plaque on bench "For the record between your crew (**Carpenter Shop**) and yourself, one can't find better quality service and work! Thank you for all the hard work! Very much appreciated. Also, **Jason Brausen** was, and yourself too, worked rapidly to help us meet a deadline on an installation. The work done made many people come to tears as Jason went beyond the help asked by calling and asking me if we would like additional things done on this job. We approved and again job was done in less than a week. That following Friday after Jason delivered the bench, the parents, friends and coworkers deeply sat and enjoyed the work done by your crew. THANK YOU!"

F. Aguilar



Thanks for Working Safely!

RAMSEY STAMPER is the WINNER!



Ramsey Stamper was observed by his supervisor using his fall protection while cleaning gutters at Avery Hall.

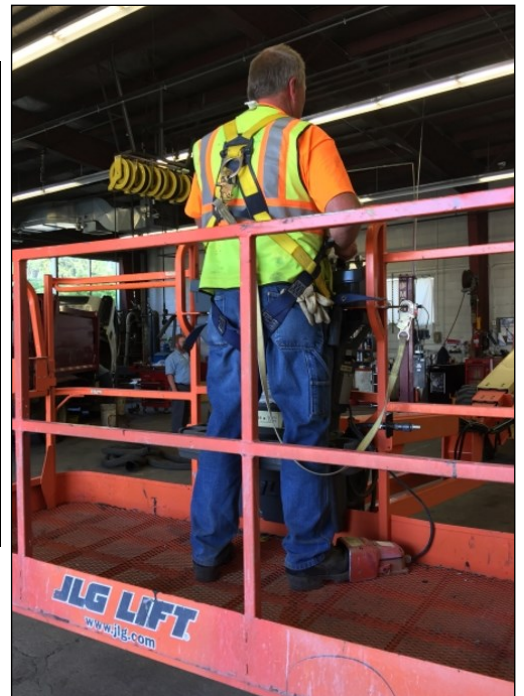


"Thanks For Working Safely!"

Mark Hadaller is the WINNER!



"Mark (Hadaller) drove this lift into the shop not knowing I (Sarah Greer) was there. He was wearing appropriate fall protection and observed working safely!"



"Thanks For Working Safely!"

Open to the public every Friday 10am-3pm



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Facilities Services Safety Committee

Safety Question Contest for the Month of June 2018

Directions: The answer to the question below can be found in one of the chapters of the Accident Prevention Program (APP). Read the question carefully. When you think you have found the answer, you may email your answer to Jann Dahmen jann.dahmen@wsu.edu or print off this page and cut out the form on the dotted lines. You may give the form to your supervisor to send in intercampus mail to Jann or drop it off at her desk in the front reception area of McCluskey Office building. The names of all employees who submit the correct answer will go into a hat for a drawing. Whoever's name is drawn will be able to pick out one of the monthly safety awards. This contest will be open only until 5 p.m. on June 26, 2018, so get started finding the answer now and win a nice prize! Link to APP Chapters: <http://facops6/safety/APP%20Manual/Forms/AllItems.aspx>

QUESTION: Reference Chapter 16 Elevating Work Platforms.

“What is wrong with this picture?”

Employee submitting the above answer:

Name: _____

Division: _____



April's Safety Question and Answer was from APP Chapter 30, Compressed Gas Cylinders. What's Wrong With This Picture? **ANSWER:** Store all gas cylinders not in use away from excessive heat sources, such as stoves, furnaces, radiators, the direct rays of the sun, and the presence of open flames.

Cylinders in storage should always be secured in an upright position.

Cylinders must be secured. Valves must be closed when unattended and caps must be on the cylinders when the regulators are not on the cylinders.



James Garrett is the Winner!

James entry for the Safety Question was randomly selected from the total entries with correctly answered questions. Those correct entries not chosen will be placed in the bucket for the annual Safety Award Drawing at the 2018 Facilities Services Picnic to be held on July 19.

Thank you to all that entered the contest!