

# THE DIRECTOR'S VIEW

BRADLEY COUNTY SCHOOLS

April 2017

WVHS Broadcasting Internship

VOLUME 2 ISSUE 9

## Growing Students-Building Futures

According to the Centers for Disease Control and Prevention (CDC), Research has found that students whose parents, family and community are involved in their education have a greater likelihood of better health and educational outcomes than those who do not have the greater community, and family involved. With active involvement, children achieve higher grades and test scores, better school attendance, higher self-esteem, improved social skills, higher graduation rates and lower

rates of risk-taking behavior. These positive outcomes are found regardless of race/ethnicity, class, or parents' level of education. When Community and Families partner with schools to support learning, students enjoy coming to school, have increased motivation, and perform better academically. Bradley County Schools is proud to have such

(see Partnerships page 5)



*Pathways Youth Career Connect students "Group Mentoring" has helped students with specific career interests connect with community partners. This is one of the many ways the YCC grant has helped establish partnerships with various industries.*

## Pathways Youth Career Connect

**Students exposed to multitude of high skill/high wage careers**

The Bradley Pathways Youth Career Connect Grant is designed to help expose students to a multitude of possible career pathways and to prepare grantees for post-secondary success. One way in which the program has been very successful is through the "Group Mentoring" element. Students who have like career interests are placed together in advisory classes and then a community partner is assigned to each class. This dedicated partner comes to visit their class each month, developing a positive rapport with students and teachers and opening lines of communication between schools and industry. Both Bradley and Walker Valley High Schools are included in the Pathways program and facilitate these community partnerships.

Students are able to learn more about multiple career pathways in their interest area as well as learn vital soft skills that employers are most looking for in potential employees.

One community partner shared with us just how much the program has impacted him. He was assigned to a class of Information Technology focused students from Walker Valley for the past three years. In March, he visited their class for the last time. He explained that there were a lot of emotions involved as he said goodbye. He wrote "Thank you for the opportunity to visit Walker Valley over the past several years and spend some time with the students. It's honestly been very bittersweet today. I hope that I've been able to make as much of an impact on their lives as they've had on mine. It's been an honor and pleasure to serve and I trust that I'll be able to assist in the future in some small measure. As I pulled out of the school I reflected over the past few years and one thing became very evident to me: it's worth it. Every single minute of it."

### April Highlights

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Charleston and Olin celebrate 25 years

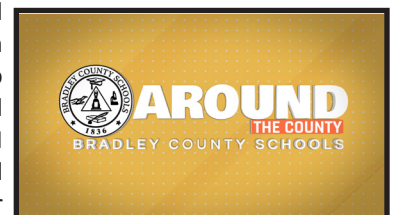
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For a preview of this month's Director's View - [Click Here](#)

# Elementary News

## Ozobot Makerspace grant for Park View



It was so exciting to receive the Ozobot Makerspace grant from the BCPEF (Bradley Cleveland Public Education Foundation) this year. Park View Elementary is a STEM school, so we focus on incorporating science, technology, engineering and math throughout all aspects of our school. I wanted to provide more “makerspaces” in our library which are opportunities for students to create and learn through discovery with hands on activities. This grant allowed me to purchase eight Ozobot robots which can be coded using everyday markers. They follow different color paths and can be programmed to perform movements such as the “tornado” by various sequences of color. Students were introduced to coding while creating paths and commands for their robots to follow. It was a huge success.

## Charleston Elementary and Olin celebrating 35 year partnership

Charleston Elementary School and Olin are celebrating 35 years of partnership this year, 25 of those years through the BEST program at the Chamber of Commerce. Recently, principal, Candice Belt, and plant manager, Chris Anziano, were interviewed on Mix 104.1 FM about this lengthy partnership. Both leaders reflected that the partnership benefits both the school and the business. Olin employees enjoy their time reading with students after school and doing science demonstrations. The school benefits from Olin’s generosity with donations of furniture and supplies. Last year, Olin even paid to wrap the Charleston SRO’s car with the DARE program design. There is also a direct relationship between Olin’s core values and Charleston’s focus on leadership and lifelong learning. By working with students, Olin is helping to build their future workforce.

The biggest event of the year for this partnership is the annual Relay for Life. Charleston students compete for the winning t-shirt design, which is chosen by a committee of Olin employees. All students at the school get to enjoy ice cream sandwiches for participating, and the winner’s class receives an ice-cream sundae party compliments of Olin. This year’s winner is Arabella Hammond, from Ms. Brock’s fifth grade class, for her guitar-playing puppy design. Our focus this year,” said Jennifer Brock, Charleston’s Relay Coordinator, “is the Golden Oldies. We wanted to highlight the gold ribbon, which symbolizes

(see CES/Olin page 4)

## Melodicas for Valley View students

Fourth graders at Valley View Elementary School are super excited to be learning to play the piano! Thanks to a grant funded by the Bradley Cleveland Public Education Foundation, music teacher, Kathryn Roman, was able to purchase twenty Hohner melodicas. Melodicas have the exact same layout as a piano keyboard, so even students with no prior piano experience are now playing songs on their melodicas! To their surprise, they are then able to transfer those skills and sit down at any piano keyboard and play a song. Students are taught the basics of piano musicianship: proper hand position, fingering, how to recognize the black and white key patterns and even how to play scales. Melodicas have the extra added benefit of also being a wind instrument, making them an excellent pre-band instrument. We’ll be ready for you, LFMS Band!



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*Olin employees hand out ice cream to Charleston Elementary students during a recent visit. Charleston Elementary and Olin continue their 35 year partnership.*



# Secondary News

## Restoring Instruments for Creative Minds

Lindsey Shewbridge and Mark Dortwegt, Lake Forest Middle School band directors, partnered and received a team grant through BCPEF for Restoring Instruments for Creative Minds.

The project originated from the need to repair school-owned instruments for student use. Some students in the school are unable to afford an instrument in order to participate in the band program. As a result, the band offers school-owned instruments for students based upon the student's situation and work ethic. The program also has several instruments that students use



*Lake Forest Band students practice with restored instruments funded by a BCPEF grant - Restoring Instruments for Creative Minds*

for secondary ensembles, such as Jazz Band and Pep Band.

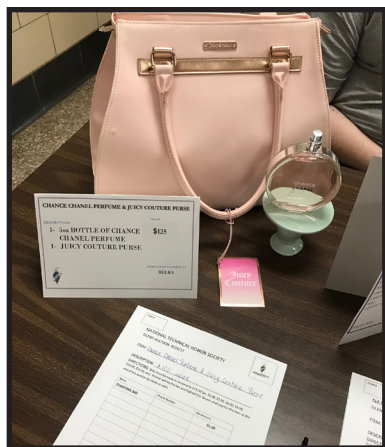
Through the BCPEF grant, the Bruin Band was able to completely repair 19 instruments. These instruments, functioning like new, effect current students but will also continue to affect future students of the band program. We are beyond thankful for the generosity of donors and the Bradley Cleveland Public Education Foundation. We look toward the future as we continue to repair and purchase quality instruments and equipment for our students while creating a nurturing learning environment.

## BCHS National Technical Honor Society Ends Year with Auction

In October 2016, Bradley Central High School received a charter for the National Technical Honor Society (NTHS). Since then the students have been helping with community service projects throughout the county. From fixing and serving a Thanksgiving dinner at the Summit to adopting a highway, these students have put their hearts into everything they've done.

As a culminating activity, NTHS voted to hold an auction. The goal of NTHS is to increase awareness of Career Technical Education (CTE) within the community. The purpose of the auction was to begin to expose middle and elementary school students to the career possibilities within CTE.

Students spent months planning the live and silent auction which took place on Saturday, April, 29th. There were many top



*BCHS students raise \$3000 to fund STEM Camp scholarships*

dollar items such as; Titan tickets, professional teeth whitening, an apple watch, tickets for Dollywood, rafting tours, zip line passes, over 35 restaurant gift certificates and so much more. It was a fun night filled with great deals.

The now titled "Care to Bid" auction raised just over \$3000.00. Special thanks to our BEST Partner Wacker for their \$500.00

(see Auctions page 4)

## Ocoee Middle School Math Students Shine

Congratulations to all of the Ocoee Middle Math Teams. Ocoee competed in the Southeast Regional Math Competition at Lee University on Saturday.

Each team consists of five individuals and we had two teams per grade as well as dedicated alternates. Ocoee came home with the following awards:

MVP for Team 6 G – Jacob Graham other team members are Benji Falcone, Nick Cottone, Cami Knott, and Austin Sutton

MVP for Team 6 G – Tie between Braden Wingfield and Ryder Martin, other team members are Alivia Weeks, Brett Campbell and Gracelyn Jackson

MVP for Team 7 E – Chase Carroll, other team members are Kyra Sims, Alex Cartee, Wyatt Kier, and Liz Hooker

MVP for Team 7 F – Kaeli Standridge, other team members are Cathena Hightshoe, Sean Keenan, Sam Gregory and Jackson Scarborough

7th grade Alternates were Jaicy Olivas, Katelyn Anziano and Desiray Ngige

MVP for Team 8 D – Andrea Long, other team members are Taylor Guyton, Greg Jordan, Cole Haney and Tammy Morgan

MVP For Team 8 H – Ryleigh Green, other team members are Fox Schwark, Jeremiah Augustine, Ben Smith and William



*OMS 8th Grade Math Competition Team*

(see OMS Math page 4)

# County Spotlights



Teacher Spotlight - Laura Anziano - Charleston Elementary 5th Grade



Teacher Spotlight - Beth Fugate - Walker Valley High School Math Teacher



Bradley Co. Schools System Level Teachers of the Year (L/R) Laura Anziano, Charleston Elementary, Abbey Duncan, Oak Grove Elementary, Beth Fugate, Walker Valley



## #setnedtech Chat on Twitter

Join Andrew Coggin and Scott Webb every Tuesday night at 8:00 p.m. for **#setnedtech** Twitter chat. We will be sharing information, tips, and tools that you can use in your classroom....and we want YOU to share too! Use the **#setnedtech** hashtag and join the fun.

Teachers - Follow the link to view YouTube training videos for the G Suite for Education. [BCS Google Training Playlist.](#)

Time is running out to register for this summer's Tech Summit - Click here to register - [BCS Technology Summit](#)

(from OMS Math page 3)

Blackwell. 8th grade alternate was Bryce Elliott. Jacob Graham was awarded best overall for all 6th grade competitors. Kaeli Standridge was awarded 3rd overall for all 7th grade competitors. 8th grade competitors from Ocoee took all three overall awards. Ben Smith took home 3rd place, Andrea Long came in 2nd place and Ryleigh Green was the 1st place overall for 8th grade. Sixth Grade Ocoee Team 6G placed 3rd in the competition. Seventh Grade Ocoee Team 7E came in 3rd and Seventh Grade Ocoee Team 7F came in 1st place. Eighth Grade Ocoee Team 8D came in 2nd Place and 8th Grade Ocoee Team 8H Came in 1st Place. For the first time since this competition began, Ocoee Middle brought home the Overall Team Award and a big trophy won by 8th grade Team 8H! Congratulations to all of the winners. Your hard work and dedication is evident!



OMS 7th Grade Math Competition Team



OMS 6th Grade Math Competition Team

(from Charleston/Olin page 2)

childhood cancer." Charleston students and families walked with Olin employees at the event on April 29th, and worked together to keep a team walking and working the booth for the twelve hours of the Relay. The CES-Olin team is often the biggest team present that day.

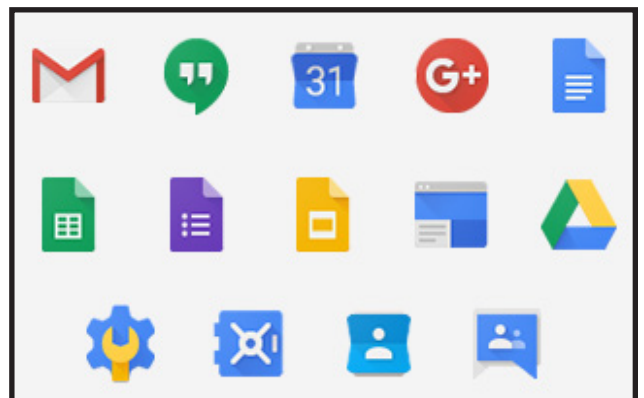
In the coming year, Olin is contributing to Charleston's new STEAM Lab. Through the Bradley Cleveland Public Education Foundation, Olin's donation is helping to tear out the outdated high school science lab and replace it with a lab that all of the students can use. Currently, only 4th & 5th grades participate in STEAM lessons in the lab. The renovation will open that to all grade levels, including kindergarten, with flexible seating and materials for all students.

Charleston students and staff are so thankful to Olin for making this lab a reality.

(from Auctions page 3)

donation. These funds will be used to purchase approximately four STEM summer camp scholarships for both Ocoee and Lake Forest Middle Schools, as well as help fund a Saturday STEM camp for elementary school students in the Fall.

As students watched items they worked so hard to get walk out the doors, they began discussing how to make next year's auction even bigger and better. Watch for the second "Care to Bid" auction next year!





## Park View Elementary's BETA students visit Lee



*Park View students visit Lee University to take part in a panel discussion.*

Park View Elementary BETA Club students Shaily Mistry, Felipe Castellanos, Callie Brewer, and Sam Taylor visited the Child Development class at Lee University. They were invited by Dr. Rick Albright to participate in a panel discussion. Lee students asked them questions about what it is like being a 5th grade student. Park View students were able to ask questions in return about what it is like to be a college student. After the panel, students were treated to a campus tour and lunch at the café.

## Percussion Connections in the Forest!



*Lake Forest student playing the Orff instrument received from the BCPEF grant.*

What has ten mallets, two hundred bars, eight blocks, and a thousand possibilities? It's the new Orff instruments at Lake Forest Middle School! Through a grant funded by the Bradley Cleveland Public Education Foundation, choral directors Michelle Johnson and Elizabeth Fowler are helping general music and choral students cross the divide between consumers of music to music creators. Some of the instruments purchased are the bass, soprano, and alto xylophones, glockenspiels, metallophones, and a wide variety of world drums and auxiliary percussion. The Orff

methodology leads students to experience a variety of patterns and sounds, and then allows them to improvise and create new and more complex patterns as their skills progress. Students are encouraged to make choices about how they will recreate a pattern or use an instrument in a different way. Experiential learning and high order thinking are front and center in the Orff classroom and the students have been raving about the possibilities!

(from Partnerships page 1)

great support from all of our partners. With everyone continuing to support our students, the students from our schools will always be confident and successful. So join us as a partner, we welcome you and your children to the Bradley County Schools and Community.



## BCHS NTHS Makes Money Picking Up Trash

The NTHS at BCBS adopted a section of highway in March. Their two mile stretch begins at the city limits on S. Lee Highway. Students were required to participate in a training prior to volunteering, and on the occasional Saturday can be found in their bright yellow vests cleaning up a little piece of Bradley County. On Saturday, April 22nd, Earth Day, students set out to clean their section of road again, so it couldn't be more appropriate. About a half mile into the cleanup a group of students came across what appeared to be a used Walmart gift card. Not to take anything for granted, they called in and sure enough the card still had its original balance of \$50 on it. Good deeds and volunteering can pay off, or one man's trash is another man's treasure! The \$50 card went towards funding their auction that took place on Saturday, April, 29th.



*BCBS NTHS students volunteer to clean a section of highway in March. Students were required to participate in training prior to volunteering.*

# BEST Partners Bradley Central High School and WACKER Polysilicon



On August 22, 2016, a BEST Partnership between WACKER and Bradley Central High School was established. This first year of partnership has been more mutually beneficial than the two organizations could have imagined.

BCHS JROTC color-guard, band, and choir traveled to WACKER on Veteran's Day to honor employees at WACKER's Veteran's Day event. CAD and engineering students celebrated National Engineers Week by being part of the Bradley County Mayor's proclamation of Engineers Week for Bradley County. That same week, engineers from WACKER visited several classes at BCHS to speak about their careers and build a miniature distillation tower, 9th and 10th grade female students interested in engineering spent the day at WACKER with female engineers to celebrate "Introduce a Girl to Engineering Day" and WACKER sponsored 70 science and engineering students to see Dream Big: Engineering Our World at the IMAX 3D theater in Chattanooga. BCHS National Technical Honor Society also inducted WACKER as an honorary member of the organization.

WACKER and BCHS partnered on several community service initiatives as well. Each year, BCHS Student Council reaches out to their seven elementary feeder schools in November. The principal and faculty choose three families at each school who seem to need the most help during the holiday season. Students at Bradley Central then collect items and assemble

the baskets, and their JROTC delivers the baskets to the families during the second week of December. WACKER joined these students' caring initiative to collect food and toiletries for deserving families in 2016. The company set up a drop-off location in the cafeteria for the month of November. Employees donated nearly 600 items, and the company donated \$1,500 to the project. Another community service project initiated by WACKER supported The Caring Place. WACKER employees and BCHS students delivered 244 winter-weather items to The Caring Place in January, including nearly 100 coats and several bags of food and toiletries.

How do science and art meet? Art students at BCHS have prepared an exhibit to be installed near the cafeteria at WACKER, which will be enjoyed by the plant's 650 employees every day.

The exhibit is a collection of artworks inspired by the work of the artist Chuck Close. He is known for his larger-than-life portraits. The students selected famous scientists and/or chemists (including WACKER's founder, Dr. Alexander Wacker) for the portraits. WACKER purchased 80 12"x12" canvases for the students to use to complete the four pieces.

Throughout the year, WACKER has provided mentors and guest speakers to advanced manufacturing and engineering classrooms as well as provided employees to assist with student mock interviews. They have also sponsored several events at BCHS including a festival for 38 special needs students, organized by BCHS health science students, BCHS football senior night and first playoff game, ACT breakfast for students, as well as provided generous support to the fine arts programs.

Bradley Central High School and WACKER look forward to an even more rewarding BEST Partnership for the 2017-2018 school year.



*BCHS JROTC take part in Wacker's Veteran's Day event*

## Partnerships and Pathways Bradley

The Pathways Bradley Youth Career Connect Grant has been a major work in partnership building. Getting partners to write a letter of support for a grant is the easy part; but, really building the relationship and nurturing it is quite challenging. It really boils down to the relationship.

Relationship building is a main thread of what we do as teachers and administrators. We realize the relationship between the student and teacher is key to student learning. Our students want to know we really care about them and so do their parents.

Business and community partners want the same thing. They want to help us and support us. They want to be involved. Yet, sometimes when we discuss partnerships in relationship to school, we are mystified as to how to grow and develop them.

Some of the ways we have worked to develop partners through Pathways Bradley is by getting to know our partners and what they do. We have spent time in their organization and developed ways for our teachers and students to get to know them. Breaking down barriers by inviting business and community members into our classrooms as mentors has been rewarding to partners, teachers, and students. Taking students and teachers into business has also been relationship building because new understandings have been developed. Students and teachers alike have found new understanding about what really happens in the business world. Students have had some eye opening experiences about jobs and careers that are available here in Bradley County and the money they can earn.

One of the great benefits or outcomes of partnerships has been the time and input partners are willing to invest in our schools. They want to help us but are not sure how. When we get to know each other, common interests are uncovered and we work together to develop goals that benefit both. Our business partners want a skilled, prepared workforce. We have found that our goals are very much aligned because we want our students skilled, and prepared when they graduate. We have found that working together, we can both achieve this goal.