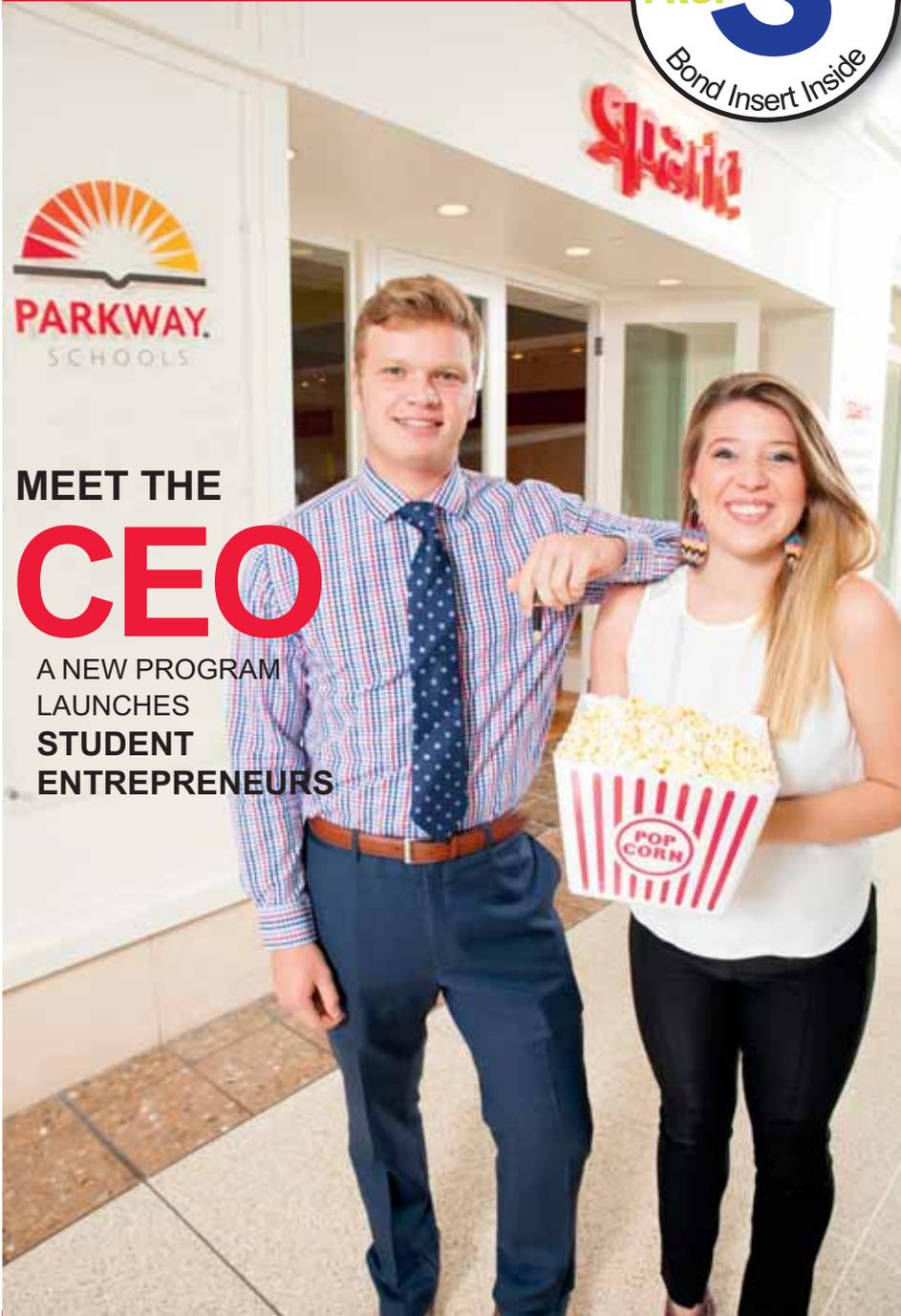


PARKWAY today

News and information for residents of Parkway School District

Fall 2014

Accredited with Distinction



MEET THE

CEO

A NEW PROGRAM
LAUNCHES
STUDENT
ENTREPRENEURS

Blaine Thomas, South High, and Marisa Hacker, North High

Meet the Future CEO



▲ Saad Sukhera, South High, left, already has an investor for his online gaming community, and Annalise Ruzicka, North High, will meet with a Wehrenberg Theatres executive to discuss a straw that evenly dispenses butter to popcorn.



▲ Student entrepreneurs, above and below, receive feedback from an established entrepreneur, left, at Spark! headquarters in Chesterfield Mall.



▶ Sydney Parks-Smotherson, Central High fashion entrepreneur



M

any students dream of owning their own businesses, but don't know how to get started. Parkway plans to change all that with Spark!, a new program for student entrepreneurs. Spark! is a collaboration among the district and more than 70 local entrepreneurs and business professionals. Spark! Incubator's goal is to help student entrepreneurs develop the skills necessary to move an idea from light bulb to launch. Students spend five to seven hours a week at Spark! Incubator headquarters in Chesterfield Mall. In this creative off-site space, they meet with business mentors and access other community resources to help them develop start-up companies, social enterprises or nonprofit organizations.

Annalise Ruzicka and Marisa Hacker, two North High students in Spark! Incubator, want to market a straw with holes to evenly dispense butter in popcorn boxes. Butter shouldn't congregate at the top, as it does in most current popcorn boxes, they say. The pair, also best friends, have an upcoming meeting with an executive of Wehrenberg Theatres to pitch their straw idea and proposed marketing campaign: "Promoting a 'butter' movie experience for movie goers."

Real-world experience supports Parkway's mission

Giving students this kind of practical experience is a strong component of Parkway's mission statement. The only local public school program of its kind, Spark! is a "safe environment for our kids to take risks, get real-world experience and learn how to navigate the highs and lows of launching a business," says Jennifer Stanfill, Parkway's coordinator of career education and partnerships.

Saad Sukhera, another of the 19 students in the Spark! Incubator, has already lined up an investor for his enterprise – an online gaming community. A South High senior, Saad jumped at the chance to enroll in Spark! after he realized that most gamers – those who play online interactive or video games – lack social skills. His new online gaming community, Legendary, Inc., focuses on sociability. In addition to gaming skills, Legendary, Inc., provides the skills needed to carry on with life off-screen.

Dress for success

Xanthe Meyer, South High marketing teacher, serves as the off-site Spark! Incubator liaison between student entrepreneurs like Saad and established entrepreneurs in the community. With a background in marketing education, she requires her students to dress in conventional business suits and attire. The application process to join the Spark! Incubator was unconventional, however, according to Meyer and Stanfill. "We did not look at GPAs or attendance. We asked students to submit a 60-second video to pitch an innovative product or service idea. If students did not have a specific idea, they pitched themselves and spoke of how they could support the launch of a new product or service idea."

The Spark! Incubator has already generated considerable interest from inside and outside the Parkway community. The Parkway Alumni Association encourages these student entrepreneurs to apply for \$1,000 grants to help make their business ventures a reality. Teachers within Parkway are mulling over how to start this entrepreneurial model in middle school at the gifted MOSAICS academy. Meanwhile, Parkway launched a new business education class for all eighth-graders this year, "Make It Your Own Business," to increase awareness of entrepreneurship in middle school. And a number of CEOs within the community are clamoring to be the point-person and mentor to Parkway students. Maryville University has also partnered with Parkway to assist in the expenses associated with the Spark! Incubator at Chesterfield Mall.

"Steve Jobs did not turn Apple into one of the biggest companies in the world by himself," says Stanfill. "It took a team of talented, dedicated people working collaboratively to help him realize his vision."

Meet more student entrepreneurs

Meet more student entrepreneurs in Spark! at www.parkwayschools.net.

superintendent's corner

Prop S: Information about the Bond Issue

Dear Parkway Community:

In the past year, my 35-year-old home has required several updates. We've installed a new furnace and air conditioning unit. Flooring and carpeting have been replaced. Electrical updates have been made. I'm sure many of you who are homeowners can identify with what I'm speaking about.

In Parkway, our 30 schools require updates and renovations as well. I am referring here to items such as fire alarm systems; flooring; mechanical systems that support heating, ventilation, air conditioning and plumbing. Our school doors and windows need replacing as their life expectancy has expired.

To ensure greater safety for students and staff, safety film on windows and the installation of



**Superintendent
Keith Marty**

interior and exterior classroom door locks have been identified as priorities by our community. Our aging middle school science classrooms have also been identified as needing renovation.

These are just a few examples of the renovations and updates being proposed in Parkway's bond issue on the November 4th ballot. It's called Proposition S.

Projects from the last bond issue were completed as planned in the summer of 2013. Projects from Prop S would be implemented in 2015-2018, addressing five major areas identified by residents in last spring's town hall meetings.

Today, the average Parkway school is 45 years old. Just like homes you and I own, schools require basic maintenance and repair. As your superintendent, it is my obligation to keep Parkway's schools properly maintained and up-to-date for our current and future students.

In this issue of Parkway Today, we have included an insert that explains Proposition S in detail. Please take a few minutes to become familiar with it, and don't forget to cast your vote on

"The average Parkway school is 45 years old. Just like homes you and I own, schools require basic maintenance and repair."

November 4th.

Please continue to follow me on **Twitter @ParkwaySupt**. I also invite you to follow us on our website: **www.parkwayschools.net**.

A handwritten signature in black ink, appearing to read "Keith Marty".

Sincerely,
Keith A. Marty, Ed.D.

Parkway Teams Up with St. Louis County SWAT to Conduct Intruder Training Drills



Photo by J.B. Forbes, St. Louis Post-Dispatch

Parkway teachers and staff have been taking part in training on how to handle an intruder in a school. In intruder training sessions this summer and fall, teachers and employees learned about potential response options including evading, escaping or engaging an intruder. Teachers also participated in simulated life-like shooting situations where they were taught to barricade the door, and then lead the students out of the school anyway possible. The intruder training program in Parkway emphasizes:

- A greater awareness of your surroundings, and;
- Building the confidence to consider the best options for students and yourself in a potentially dangerous situation.

All Parkway employees will participate in intruder training drills by the end of fall. It is now mandatory for Missouri schools to conduct some type of response training in case of an active shooter or intruder.

◀ **During intruder training at West High, Scott Bollmann, building manager, simulates an active shooter event.**



► **Craig Elementary student**

Parkway Board Votes to Place Bond Issue on Nov. 4 Ballot

In a year-long series of town hall meetings, several hundred Parkway residents met to discuss the ongoing maintenance and repair needs of Parkway school buildings, most of which are between 40 and 75 years old. Based on resident recommendations and input from school staff, the Parkway Board of Education voted unanimously to place a \$94 million bond issue on the Nov. 4 ballot.

Patty Bedborough, Parkway chief financial officer, says the bond issue would fund improvements to Parkway's aging buildings in the following areas:

- School Safety, Security & Health
- Maintenance & Repairs
- Middle School Science Labs
- Technology (expand wireless infrastructure for student devices)
- Additions & Renovations

Proposition S will require a 15-cent property tax increase – which would cost the average homeowner an estimated \$62 per year increase in residential taxes. If approved, the projects would begin in the summer of 2015 and finish in the summer of 2018.

For more information, including a detailed breakdown of projects for each school, go to <http://pkwy.info/bond14>. Or refer to the insert in this edition of *Parkway Today*.



SCAN THIS NOW

Take a Look at Proposed Projects
To view proposed project lists for each school, scan the code or visit <http://pkwy.info/bond14>.

Parkway Schools Named America's Best High Schools

THE DAILY BEAST
TOP HIGH SCHOOLS 2014

For the second year in a row, Parkway high schools rank among "America's Top High Schools."

All four traditional Parkway high schools – Central, North, South and West—made *The Daily Beast* 2014 list of "America's Top High Schools." All four also ranked among the top 15 high schools in Missouri.



► **Best in America**

This annual list highlights public high schools across the country that do the best job of providing college-ready graduates.

Last spring, South High and West High were also named one of the country's best high schools by *U.S. News & World Report*, and North High, South High and West High ranked as "America's Most Challenging High Schools" by *The Washington Post*.

► **Higher ACT scores**

Parkway's ACT scores contributed to Parkway high schools being named the best in the U.S.

ACT scores released this fall show that average composite score for Parkway students increased from 22.8 to 23.1. Parkway students scored higher than the Missouri average of 21.8 and the national average of 21.0.

This accomplishment is even more encouraging given that nearly all Parkway juniors (95 percent) took the ACT last year. Parkway is one of only two districts in the area that offered the ACT during a regular school day at no cost to all juniors last year.

class acts

Parkway students win top awards for music, spelling and science.



► Madison Applegate with teacher Jennifer Forrest James (inset)

If you follow the latest national news in music and video, you probably already know that **Madison Applegate**, South High, recently won the national "Big Break" contest sponsored by

"Kidd Kraddick in the Morning" show and has already released a song on iTunes. What you may not know is that the singer and songwriter, who picked up the guitar and ukulele in the past 10 months, credits her drama teacher **Jennifer Forrest-James** with helping her succeed. "I have taken many theatre classes with Forrest," says Madison, "and she has helped me become a stronger performer. My freshman year, Forrest cast me as the fairy godmother in Cinderella, the musical, which she set in the 1980s. My character was based on Cyndi Lauper, and boy, was that quite the personality to live up to. However, Forrest pushed me to do it, and it wound up being one of my favorite roles." Today, Madison sometimes helps Forrest lead the theatre class.

Mock Trial Champion

North High won the Mock Trial State Championship last spring. The win qualified the school as the sole Missouri representative at the National Championships held in Madison, Wisconsin. The state win was North High's first mock trial championship and Parkway's first championship since the mid 90s.

Spelling Champion



► Gokul Venkatachalam

Gokul Venkatachalam, West Middle, placed third nationwide out of 14 top finalists in the 2014 Scripps National Spelling Bee.

Fifth Grader Writes Book

Kautilya Jammalamadaka, a Shenandoah Valley fifth grader, recently published "The Warriors of Wridor - The Doomed Quest." Kautilya dedicated the book to Debra Kellogg, his "beloved teacher." The book is available on Amazon.



► Kautilya Jammalamadaka at his book signing

South High places second in Scholar Bowl



► Derek Berndt, left, and Blaine Hubert

For 10 points, name the Parkway high school that took second place in a regional Scholar Bowl competition in Washington, Mo last spring. If you answered South High, give yourself 10 points. The South High Scholar Bowl team ranked second in this Jeopardy-style academic challenge. To play, students answer questions from moderators on a wide range of subjects, using buzzers to signal they have the correct answer.

Winning Parkway South High team members include **Maya Mills, Aditya Patel, Erin Neely, Gregory James, Andy Mark, Sheldon Taylor, Priya Vangala** and **Blaine Hubert**. Neely placed second and Patel placed fourth in All-District competition.

South High math teacher **Scott Degitz** said he wanted to bring the academically challenging game to South High so kids who like to learn would have a place to belong. He is assisted at South by his math colleague and Scholar Bowl co-sponsor **Allison John**.

All four traditional Parkway high schools have Scholar Bowl teams.

Four students honored for STARS Research

Four Parkway students recently won awards of excellence for scientific research. The students, who participated in the Students and Teachers as Research Scientists (STARS) Program at the University of Missouri - St. Louis, are **Eesha Sabherwal**, *North High*; **Danielle Eve Serota**, *Central High*; **Clara Sun**, *West High*; and **Kevin Zheng**, *South High*.

Class Acts continued on page nine

Parkway's Proposition S



Central High roof



North High boiler piping



Mason Ridge HVAC unit

PROPOSITION S

Top five
priorities
identified
by our
community:

- School Safety, Security & Health
- Maintenance & Repairs
- Middle School Science Labs
- Technology
- Additions & Renovations



Southwest Middle students with their phones and laptops. The wireless infrastructure would expand to accommodate more student devices.

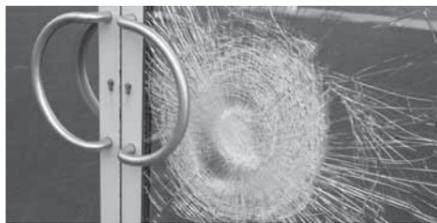
Proposition S

Safety and Security: Top Priority

When hundreds of Parkway residents met over the course of a year to prioritize the ongoing maintenance and repair needs of Parkway school buildings, they identified safety and security as a top priority. Our schools would be outfitted with greater security measures if voters approve Prop S.

“ Prop S would allow our schools to add safety film to designated school entrances and classroom door windows to delay an intruder. ”

Prop S would allow our schools to upgrade the locks on more than 1,700 classroom doors to allow teachers to lock them from the inside in the event of an intruder situation. Prop S would also allow our schools to add safety film to designated school entrances and classroom door windows to delay an intruder. Our police departments strongly support any effort to buy time for them to arrive.



▲ Glass doesn't shatter when safety film is added to doors. An intruder is delayed.



To view a video and learn more, visit <http://pkwy.info/bond14>

What is a Bond Issue?

When a school district asks voters to approve a bond issue, it is asking permission to borrow money to pay for major building improvements such as replacing old roofs or HVAC units. In Missouri, this requires voter approval.

Similar to a home loan, bond issues allow schools to pay for costly repairs and renovations over time instead of having to pay all at once. They also allow schools to devote most of their day-to-day operating budgets for classroom instruction instead of major repair work.

The Average Age of a Parkway School is 45 Years...



In a building's life span, critical repairs and maintenance are typically needed about every 30 years – just like our homes. This is true for minor safety items such as pavement (above), and major items such as roofs, pipes and other infrastructure (front page).

A Closer Look at Parkway's Debt Service Tax Rate

Parkway's current debt service tax rate is .34, the **third-lowest** in St. Louis County.

1. Normandy	\$1.73	12. Ferguson-Florissant	\$0.30
2. Riverview Gardens .	\$1.27	13. Webster Groves.....	\$0.56
3. Maplewood	\$1.06	14. Bayless	\$0.52
4. Hancock Place.....	\$1.01	15. Pattonville	\$0.49
5. Jennings	\$0.99	16. Lindbergh.....	\$0.47
6. Hazelwood	\$0.94	17. Ladue	\$0.39
7. Valley Park.....	\$0.94	18. Kirkwood	\$0.36
8. Ritenour	\$0.91	19. Parkway	\$0.34
9. University City.....	\$0.73	20. Brentwood.....	\$0.30
10. Rockwood	\$0.68	21. Mehlville.....	\$0.03
11. Clayton.....	\$0.62		

Proposition S

Questions & Answers about the Bond Issue

Q Why is this bond issue being proposed?

A Parkway has more than 3 million square feet of facilities with a replacement value of more than \$850 million. These buildings are well-constructed, but require ongoing maintenance, repair and renovation—just like our homes. The district has a responsibility to ensure these facilities are properly maintained for future generations of students.

Q How does a bond issue work?

A When voters approve/pass a bond issue, our school district obtains bids and sells bonds to the purchaser who offers the lowest interest rate. The district uses the funds to complete the capital projects, and pays back the debt over time – typically around 10-12 years. This process is similar to a home loan. When you purchase a home, you borrow money at a specific interest rate. You make payments on that loan, which include principal and interest, over a period of years. A certain amount of your regular income is budgeted to make those payments.

Q How would the funds be used?

A From 2015-18, funds would be allocated as shown on the next page. The five major categories of need were identified by several hundred Parkway residents.

Q How do schools use bond issues to benefit students?

A Bond issues allow schools to pay for costly repairs and renovation over time instead of having to pay all at once. They also allow schools to devote most of their day-to-day operating budgets for classroom instruction instead of major repair work.

Q What would happen if Prop S does not pass?

A Some maintenance and repair work would have to be deferred and most school renovation projects would be postponed indefinitely. The most critical maintenance and repair needs would still have to be addressed. To pay for this, more money would have to be spent from the day-to-day operating budget (the part that normally pays for classroom instruction and supplies).

Most Parkway schools were built between 1963 and 1971.

In fact, of the 28 schools currently in operation (K-12):

- 21 are between 40 and 75 years old;
- 5 are between 30 and 39 years old; and
- 2 are less than 30 years old.

OFFICIAL BALLOT
PARKWAY SCHOOL DISTRICT
ST. LOUIS COUNTY, MISSOURI
TUESDAY, NOVEMBER 4, 2014

PROPOSITION S

For the purposes of school safety and security, maintenance, repairs, improvements, renovations and additions, including but not limited to roof repairs, HVAC, plumbing, electricity, accessibility, middle school science labs, furnishing and equipping school sites, technology and fine arts, shall the Parkway School District Board of Education borrow money in the amount of Ninety-Four Million Dollars (\$94,000,000) and issue general obligation bonds for the payment thereof resulting in an estimated increase to the debt service property tax levy of \$0.15 per one hundred dollars of assessed valuation? If this proposition is approved, the adjusted debt service levy of the school district is estimated to increase from \$0.34 to \$0.49 per one hundred dollars of assessed valuation of real and personal property.

Voter Information

When is the election?

Tuesday, November 4. Polls will be open from 6 a.m. to 7 p.m.

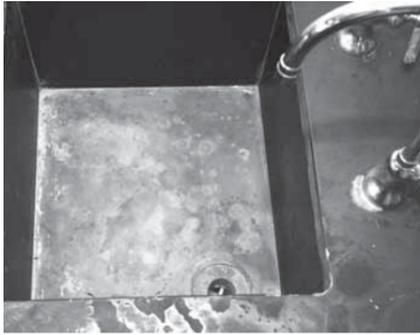
How can I get an absentee ballot?

Forms can be obtained at www.stlouisco.com/elections or from any Parkway school. They also may be requested in writing by October 29 from

the Board of Election Commissioners, 12 Sunnen Drive, St. Louis, MO 63143. You can also vote there in person from September 23 through November 3 at 5 p.m. For more information, call (314) 615-1800.

Proposition S

Proposed Projects by School



Central Middle rusty science sink

DISTRICTWIDE PROJECTS (all schools)

Ongoing replacement of worn/aged floor covering
Ongoing replacement of damaged or failing doors, frames & hardware
Ongoing ADA accessibility projects
Ongoing replacement of stair guards & hand rails for safety, ADA accessibility & code compliance
Add safety film to designated entrances & classroom door windows to delay unauthorized entry
Expand capacity of storage area network (SAN)
Upgrade network switches to increase bandwidth in classrooms
Replace aging Novell operating system with Microsoft operating system
Expand wireless infrastructure for student devices
Upgrade aging application servers in data center
Replace exterior door security access systems
Replace classroom door locks for improved security
Replace fire alarm systems for improved safety & code requirements
Replace aged public address/intercom systems for improved safety

BARRETT'S

Replace four aged electrical switchboards & panel boards
Replace two aged rooftop HVAC units
Replace remote condensing unit outside room 513
Replace seven aged HVAC unit ventilators
Replace sanitary pump & main exterior sanitary waste line
Replace natural gas main & water main
Replace aged classroom windows & storefront windows/door units
Masonry tuckpointing maintenance on exterior walls
Replace main parking lot in front of building & modify layout
Replace driveway north of main parking lot
Replace sidewalk along main driveway in front of school
Replace sidewalk between main driveway & north lot

BELLERIVE

Replace aged electrical panel board
Enclose corridor openings and add doors to improve security at 3 classroom pods
Add doors that can be locked for security during lockdown events
Add 90-degree parking stalls along south side of main driveway
Replace parking lot in NW corner of property

CARMAN TRAILS

Replace 19 storefront window & door units

CLAYMONT

Replace five aged electrical panel boards
Replace aged rooftop condensing unit
Replace four aged roof sections
Replace asphalt play area behind the building

CRAIG

Replace six aged electrical transformers
Replace aged electrical panel board
Replace three aged rooftop condensing units
Replace three aged unit ventilators serving the library
Renovations to library to provide specialized instruction

GREEN TRAILS

Replace main electrical switchboard & two panel boards
Replace 10 aged remote condensing units
Replace 45 aged unit ventilators with roof mounted HVAC units (seven wings)
Replace three aged roof sections

HANNA WOODS

Install building-wide fire sprinkler system
Renovate main entry to channel visitors to the office

HENRY

Replace two aged electrical main switchboards
Replace four heat pumps serving 1300 & 2300 wings
Replace three aged roof top HVAC units
Remove abandoned heating unit ventilators and patch walls
Remove abandoned boiler & piping in mechanical room 1106
Replace three aged roof sections
Replace aged windows (north wall of library & wall opposite main entry)
Reconfigure front driveway for safety & increased parking

HIGHCROFT RIDGE

Install walls between open all classrooms
Expand main parking lot area to increase drive lane width
Install fire sprinklers in renovated areas & library/office areas
Replace two aged electrical main switchboards
Replace electrical transformer & nine aged electrical panel boards
Replace two aged radiant unit heaters
Replace 18 aged cabinet unit heaters
Replace eight aged roof top exhaust fans
Replace 26 aged terminal duct heaters
Replace one aged roof top HVAC unit & 10 variable air volume boxes
Replace seven aged water heaters & two electric water coolers
Replace aged main water line

MASON RIDGE

Replace aged electrical transformer & five panel boards
Replace two aged roof top HVAC units
Replace five aged unit ventilators (heating & cooling)
Replace six aged remote condensing units
Replace two aged roof sections
Replace aged windows in room 800 & 810
Replace aged exterior stairs leading to amphitheater

MCKELVEY

Replace main electrical switchboard & panel board
Replace three aged roof top HVAC units
Install building-wide fire sprinkler system to meet code requirements
Remove asbestos sprayed on acoustic ceiling material
Complete phase two of renovation to aged nurse's office area

OAK BROOK

Replace aged HVAC condensing units (entire building except office and gym)
Replace paved play area and connecting driveway behind the school
Replace exterior ramp leading to playground behind the school

PIERREMONT

Expand west parking lot to eliminate double stacking of parking stalls
Replace main electrical switchboard five aged panel boards
Replace three aged electrical transformers
Replace aged windows in gym room 306

RIVER BEND

Add electrical circuits to increase power in all classrooms
Replace two aged electrical switchboards
Replace aged rooftop HVAC unit & two air handling units
Replace aged hot water boiler & three pumps
Replace 28 aged HVAC systems and 48 aged unit ventilators serving two-story wings of building
Replace aged air handling unit & hot water pump
Install fire sprinkler system in two-story wings of building
Renovate aged nurse's office/health area
Replace all aged exterior storefront window/door units
Replace aged windows throughout the school

ROSS

Replace aged electrical panel board
Replace aged roof over gymnasium
Replace & reconfigure front drive & parking lot
Expand parking to south of main lot

SHENANDOAH VALLEY

Install additional exterior lighting for school security
Replace terminal duct heater & two variable air volume boxes
Renovate Special Education Life Skills Lab
Replace service driveways on north & east side of school

SORRENTO SPRINGS

Replace two aged electrical panel boards & transformer
Replace aged hot water boiler & pump
Replace aged HVAC condensing unit serving room 106
Replace all exterior window sets

WREN HOLLOW

Replace two aged electrical panel boards
Replace aged air handling unit
Replace 18 aged terminal duct heaters
Replace six aged unit ventilators serving log cabins
Replace nine aged roof sections
Replace 12 aged storefront window/door units
Replace three windows
Replace paved circle drive, parking lot & sidewalks east of school

EARLY CHILDHOOD CENTER

Replace aged heating & cooling unit serving lower level
Replace all exterior window sets schoolwide

CENTRAL MIDDLE

Renovate aged science classrooms/labs for modernization
Replace two aged rooftop HVAC units
Add music & fitness room addition where gym was demolished
Install fire sprinkler system in four wings
Bring fire partitions up to current code standards
Renovate aged nurse's office/health area
Replace aged windows in room 17
Remove underground heating fuel storage tank

NORTHEAST MIDDLE

Renovate aged science classrooms/labs for modernization
Install fire sprinkler system in central core of building
Replace library elevator to meet code requirements
Fire proof exposed insulation above library to meet code requirements
Replace analog security cameras with IP security cameras

SOUTH MIDDLE

Renovate aged science classrooms/labs for modernization
Remove emergency generator and replace emergency & exit lighting
Install air conditioning in main gym
Replace four aged rooftop heating & cooling units
Replace aged roof section over main entrance
Replace aged electrical panel board in room 1700
Replace analog security cameras with IP security cameras

SOUTHWEST MIDDLE

Renovate aged science classrooms/labs for modernization
Replace analog security cameras with IP security cameras

WEST MIDDLE

Renovate aged science classrooms/labs for modernization
Replace aged heating & cooling air handling units schoolwide
Replace two aged rooftop HVAC units
Replace aged condensing unit serving room 3620
Replace 71 aged terminal duct heaters schoolwide
Replace aged windows in main gym & room 3204
Replace aged driveway to Straub Rd. east of school
Replace analog security cameras with IP security cameras

CENTRAL HIGH

Relocate aged overhead electrical lines to underground & remove power poles
Replace four air handling units
Add air conditioning to Gym B & Gym C
Replace aged air handling unit in boiler room 210
Replace nine aged rooftop HVAC units
Replace 16 aged roof sections
Replace five aged exterior stadium doors
Replace analog security cameras with IP security cameras

FERN RIDGE HIGH

Replace main electrical switchboard
Add electrical circuits to increase power in classrooms
Replace ceilings & lighting
Renovate aged science lab
Renovate aged nurse's office/health area
Replace aged windows in gym room 300

NORTH HIGH

Reconfigure lighting & circuits so each classroom controls its own lighting
Renovate aged Athletics area & construct addition
Renovate aged kitchen, food court, cafeteria
Replace 11 aged roof sections (all roofs)
Replace north main drive, parking lot & sidewalks
Upgrade all main mechanical & electrical plants (except PE wing)
Add exterior door to room 1505 to meet code requirements
Replace aged stadium exterior wall & press box roof
Replace analog security cameras with IP security cameras

SOUTH HIGH

Replace aged pre-cast concrete deck panels at stadium
Replace stadium bleacher seats & guard railings to meet codes
Add hand railings on stadium stairs to meet codes
Replace aged electrical panel board in library
Install air conditioning in Gym B
Replace four aged rooftop HVAC units
Replace seven aged roof sections
Replace analog security cameras with IP security cameras

WEST HIGH

Replace driveway north of stadium
Replace driveway leading to north paved play area
Replace 14 aged roof sections
Replace two aged main electrical switchboards
Replace aged cooling unit ventilator
Replace aged exterior door by elevator
Replace analog security cameras with IP security cameras

ADMINISTRATION, OPERATIONS & TRANSPORTATION FACILITIES

Replace emergency generator & electrical panel board (Administration)
Replace two aged roof sections (Administration)
Replace aged underground fuel storage tank (Operations)
Replace 13 aged unit ventilators & 10 condensing units (Grounds)
Build shed for equipment storage to prolong useful life (Grounds)
Replace 18 aged window sets (Grounds)
Replace six aged exterior doors (Grounds)
Renovate maintenance bus bays for code compliance (Transportation)
Replace aged roof over the tire storage shed (Transportation)
Replace three aged upper bus parking lots (Transportation)

INSTRUCTIONAL SERVICES CTR.

Replace aged electrical panel boards
Replace 41 aged heating & cooling unit ventilators
Replace aged storefront window/door on Stair B
Replace aged driveway to south service entrance
Replace aged retaining wall west of building

Need more information?

Go to:

<http://pkwy.info/bond14>

Parkway School District Proposition S Bond Issue

Maintenance and Repairs

Doors & Windows	1,914,401
Electrical Power & Lighting (Interior & exterior)	2,271,360
Flooring & Exterior Walls	2,209,258
Mechanical (Heating, ventilation, air conditioning, & plumbing)	17,956,215
Pavement (Includes parking lots, drives, sidewalks, exterior ramps, & exterior stairs)	10,579,069
Roofing	6,907,971
Site Improvements (Includes retaining walls, fences, athletic field equipment, etc.)	92,261

Safety, Security and Health

Add Safety Film to Door Glazing for Improved Security (to slow intruder breaking glass)	66,000
Add Fire Sprinkler Systems for Improved Safety & Code Compliance	6,823,775
Replace Classroom Door Locks for Improved Security (to lock doors inside classroom)	1,540,000
Replace Aged Fire Alarm Systems for Improved Safety	5,644,678
Replace Aged Main Entry Door Access Systems for Improved Safety	909,416
ADA Accessibility & Building Safety Code Compliance	711,533
Add Doors to Classroom Pods at Bellerive (Infill wall opening and add doors with interior locks)	76,776
Renovations to Aged Nurses' Offices	1,066,677
Replace CCTV Security Systems at Middle & High Schools for Improved Safety & Security	1,275,051
Replace Aged Public Address/Intercom Systems for Improved Security	2,398,022
Replace Aged or Building Safety Code Deficient Stair Guards, Handrails & Generators	690,129

Technology

Expand Wireless Infrastructure for Student Devices	1,100,000
Expand Storage Area Network for Additional Database & Media Requirements	700,000
Replace Aging Operating Systems & Upgrade Applications Servers & Data Bandwidth	1,170,000

Science Area Renovations

Renovations to Science Areas at All Middle Schools	9,085,000
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Additions & Renovations

North High Renovations to PE/Health Wing & Kitchen/Food Serving/Cafeteria Area	7,553,779
North High Renovations to Fine Arts Area & 2nd Floor Classrooms of Fine Arts Wing	6,228,554
Minor Renovations at Aging Buildings	2,000,911
Central Middle Music & Fitness Addition	1,121,369
Highcroft Ridge Renovations to Partition Classrooms	1,901,061

TOTAL BOND ISSUE

\$93,993,285

class acts

Parkway students and schools win top awards for writing, science and speech and debate.



► South Middle's bird population surprised bird sleuths Morgan Glenn, left, and Melody Walkenhorst. Their scientific bird study was published by the Cornell Lab of Ornithology.



Morgan Glenn and **Melody Walkenhorst** recently had their South Middle bird study published in *BirdSleuth Investigator*, a student publication of the Cornell Lab of Ornithology. As part of an ecology unit in teacher Joel Rademeyer's class, the pair studied birds living in the woods behind South Middle versus those nesting close to the school. "We thought the school birds would be typically urban." But their scientific study reported the same birds – cardinals,

pigeons, finches – nested in both environments.

Journalism Success

Two West High journalism students, under the direction of Debra Klevens, earned college scholarships ranging from \$4,000 to \$6,000 from Lindenwood University, if they choose to attend. **Maggie Walkoff** won for yearbook skills; and **Jacob Cupps** won for newspaper skills.



Teaching Awards

Ryan Boeckman, a Central Middle science teacher, won the 2014 Carol B. and Jerome T. Loeb Prize for Excellence in Teaching Science and Mathematics.

Winifred Crock, Central High, was named the 2014 Art Educator of the Year by the Arts and Education Council

Cara Borgsmiller, West High, was named a National Forensic League Diamond Coach by the National Speech and Debate Association for her longevity and excellence in teaching.



► **Sydney Parks-Smotherson**, Central High

Fashion Entrepreneur

Up and coming fashion designer, **Sydney Parks-Smotherson**, Central High, has already been featured in the *St. Louis Post-Dispatch* and *West Newsmagazine* for her fashion shows and designs. Her collection includes knit dresses, knit tops and skirts. Sydney is one of the students in Parkway's new Spark! program for student entrepreneurs (see story on page one).

Writing Winners

Two Parkway students, **Julie Nguyen**, Central High; and **Sarah Shin**, West High, received Achievement Awards in Writing from the National Council of Teachers of English.

Speech and Debate Awards

Parkway schools brought home three of the 15 state championship titles (20 percent) at the State Speech and



Debate Tournament at Mizzou last spring. From West High, **Keerthi Gondi** and **Laura Santangelo** won first place in Policy Debate while **Noreen Webster** won first place in Original Oratory. From South High, **Brian Cheng** and **Jay Patel** took first place in Public Forum Debate and won the 10th Speech and Debate State Championship in Parkway.

Henry and Mason Ridge named Blue Ribbon Schools

Henry Elementary and Mason Ridge Elementary have been honored as 2014 National Blue Ribbon Schools, the U.S. Department of Education announced in late September. That brings the number of Blue Ribbon Schools in Parkway to 15.

The national award recognizes schools with high academic performance or those that have made progress in closing achievement gaps.

The U.S. Department of Education will honor these schools at a recognition ceremony on Nov. 10-11 in Washington, D.C.

Meanwhile, Gov. Jay Nixon visited Henry Elementary in early October to congratulate the school on its Blue Ribbon Award. He hopes to visit Mason Ridge Elementary later in the year to do the same.

"Being named a Blue Ribbon School is one of the highest honors a school can receive," says Missouri Commissioner of Education Chris Nicastro.

Eight Missouri schools are Blue Ribbon winners this year; six are in the St. Louis area.



Photo by UPI/Bill Greenblatt

▲ Blue Ribbon congratulations from Gov. Jay Nixon: The governor visits Henry Elementary, above; he hopes to visit Mason Ridge Elementary, below.

McKelvey Named National School of Character

McKelvey Elementary has been named a 2014 National School of Character. It is the second Parkway school to receive such distinction. In 2012, Ross Elementary was named a National School of Character. The designation comes from the Character Education Partnership (CEP) in Washington, D.C. Selected schools must demonstrate that their focus on character development has had a positive impact on academic achievement, student behavior and school climate.



▲ Owen Gill, McKelvey Elementary

This is Parkway... at a glance

▶ "Accredited with Distinction" by the Missouri Department of Elementary and Secondary Education (DESE)

▶ Recognized for "Distinction in Performance" by DESE for 15 consecutive years

▶ 15 U.S. Department of Education Blue Ribbon Awards

▶ **ENROLLMENT**
Enrollment: 17,274
18 elementary schools
Five middle schools
Four high schools
One non-traditional high school
One early childhood center

▶ **FINANCES**
2014 Residential Tax Rate: \$4.074 per \$100 of assessed value

▶ **EMPLOYEES**
Teacher Salaries: \$61,616 (Parkway Average) \$46,212 (Missouri Average)

▶ Percentage of certified staff with master's degree or above: Parkway: 79.4% Missouri: 59.1%

▶ ACHIEVEMENT

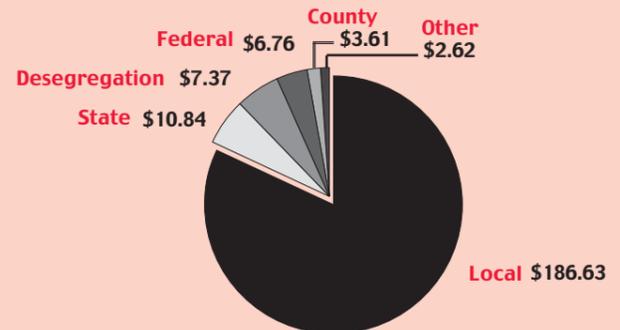
National Merit Scholars =36
Semifinalists: 26
Commended:10

▶ **ACT Composite Test Score**
Parkway: 23.1
Missouri: 21.8
USA: 21.0

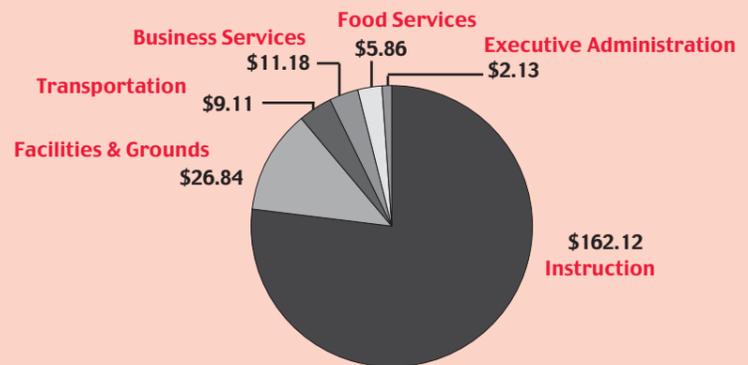
▶ Parkway gives the ACT to all juniors at no charge.

▶ **SAT Combined Test Score**
Parkway: 1887
Missouri: 1773
USA: 1498

2013-14 Operating Revenue: \$217.84 million



2013-14 Operating Expenditures: \$217.27 million





▲ Abby Lammers, North High, one of 26 National Merit Semifinalists

Thirty-Six Students Named National Merit Semifinalists or Commended

T

hirty-six Parkway students have either been named semifinalists or commended in the 2014 National Merit Scholarship Program. The Parkway semifinalists represent less than one percent of U.S. high school seniors and score at least 214 out of a possible 240 on the PSAT test to earn their distinction.

National Merit Semifinalists

Here are the Parkway semifinalists:

Central High: Michael Dotzel; Stephen He; Terence Huang; Jacqueline Ihnat; Zhaochen Ji; Amudha Porchezian; Danielle Serota.

North High: Abigail Lammers; Amanda Lopatin; Eesha Sabherwal; Clare Elizabeth Vogt; Ryan W. Wahidi; Ellen Wang.

South High: Andrew Dong; Michelle Harrison; Lydia Lin; Lauren Meisel; Kevin Zheng.

West High: Philip Aden; Amos Chen; Jan Gagstetter; David Hanlin; Cheng-Hau Kee; David Lavin; William Tong; Samuel Wait.

Commended Students

Central High: Daanyal Baber

North High: Amanda Crawford; Durgaprasad Kullakanda; Rebecca Levin; Anne Morgan; Gianna Sparks.

South High: Dillon J. Fabrizio

West High: Katelyn Eickmann; Elise Kammeyer; Ashley Timme.

The National Merit Scholarship program is an annual academic competition, which identifies seniors who represent the top of their graduating class.

Your School Board

Putting faces with names

Beth Feldman
President



Chris Jacob
Vice President



Kim Appelbaum



Tom Appelbaum



Deborah Hopper



Dee Mogerman



Sam Sciortino



The board meets at 7 p.m. on designated Wednesdays at Central Middle. For more information on board policies or meetings, which are also streamed live, please visit our website at: www.parkwayschools.net/boe/boe.cfm.



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Calendar

www.parkwayschools.net/pages/ParkwayC2/News__Calendars

Nov. 26–28

Thanksgiving holiday

Dec. 22 – Jan. 4, 2015

Winter break

Please Note: Because Parkway mails this publication by carrier route to save postage costs, some individuals who do not live in Parkway may receive this mailing.

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Parkway School District does not discriminate on the basis of race, color, religion, national origin, gender, or disability in admission or access to, or treatment or employment in, its programs or activities. If an otherwise qualified individual with a disability needs accommodations to attend or participate in a school or district activity, please contact the staff member responsible for that event at least four (4) business days in advance. Questions, concerns, or requests for information/assistance can also be directed to the designated district coordinator for each applicable federal law or by calling (314) 415-8100.

Parkway's Mobile App

Check out Parkway's free mobile app which ranked among the top 100 U.S. educational apps in the Apple App Store when it debuted in July 2013. More than 11,000



people have downloaded the app. Here are prominent features:

- Choose your news and notifications;
- Personalize your calendar; and
- Deposit money in your child's lunch account directly from your mobile device.

Download it today for free at the Apple App Store or Google Play Store.

