



A Review of the
Great Things
Happening in
Our Schools.

March 21, 2013

Building Beat

Upcoming ...

Wednesday, March 27:

End of Third Marking
Period

Thursday, March 28:

No school for students

Friday, March 29:

Good Friday, No school for
students, staff. School
closed for Spring Break.

Monday, April 8:

School resumes

Tuesday, April 9:

ABC Luncheon, 12:15 p.m.
St. John's Family Center

Thursday, April 11:

Thomson Elementary
Parent Teacher
Conferences, 4-6 p.m.

Siple Elementary Parent
Teacher Conferences,
4:30-6 p.m.
(6-7:30 by appointment
only)

DHS Parent Teacher
Conferences,
4:30-7:30 p.m.

Tuesday, April 16:

Central Elementary PTO
Meeting, 6:30 p.m.

DMS student wins grand prize in Flint Area Science Fair

Davison students had great success at the 57th annual Flint Regional Science Fair held last weekend at Kettering University. Davison Middle School alone had 77 students participate with 15 students placing and earning \$4,350 in gift cards, scholarships and awards. Three Davison High School, six Hahn Intermediate and two Central Elementary students also placed in the annual Fair.

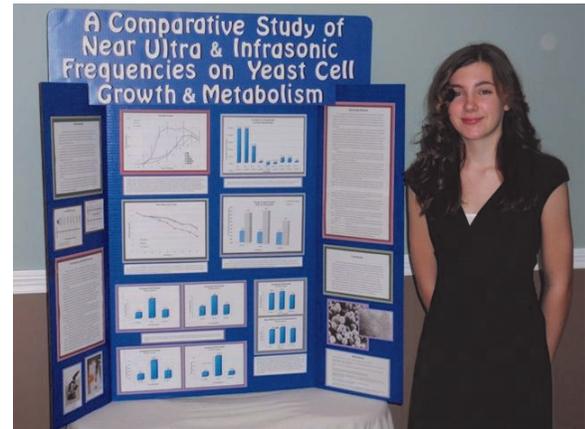
Eighth grader **Katie Pulaski** was a first place/grand prize winner, earning a \$1,500 scholarship for her project "A Comparative Study of Near Ultra and Infrasonic Frequencies on Yeast Cell Growth & Metabolism."

Katie said she was surprised to learn that she had won because only five judges had stopped by her exhibit to interview her. The previous year, when she had earned a second place in the Fair, she was interviewed 12 times.

"I didn't think I had done that well because I didn't feel like anyone was interested in (my project)," she said.

That actually worked in her favor, though, because Katie, who describes herself as "tense" at these types of things, was feeling pretty relaxed when it came time for the awards ceremony—at least until her name was called. Katie said while she was standing on stage with the other students who placed, there were a few minutes of insecurity because one of the judges said there was an error and one of the students on stage wasn't supposed to be there. It turned out that it wasn't Katie, though, and she soon learned that not only had she won first place but she had also captured the grand prize.

Katie has been participating in the Flint Area Science Fair since she was in the fourth grade. She said the idea for this year's project—to measure any effects from exposing yeast cells to near ultra and infrasonic sound—came about after her dad heard a podcast about yeast and chemicals.



Katie Pulaski, an eighth grader at Davison Middle School, was named a grand prize winner at this year's Flint Area Science Fair.

Where futures begin

A Fully Accredited District

“We thought it would be cool if we could reverse that process,” Katie said.

So, with the help of her dad, Katie gathered the needed items to conduct her experiment: binocular microscope, hemocytometer, low and high frequency speakers and a computer to produce the frequencies, test tubes, baker’s yeast and honey. Then came the task of documenting as the experiment took place.

“It was definitely nerve wracking,” Katie said. “When you are in the middle of it you just want to give up but then you are in the thick of things so it becomes a routine; Get up, count cells, eat breakfast.”

Katie credits her parents, Jim and Amy Pulaski, for her success.

“My mom helped me to stay on task and my dad helped me to use the equipment safely and properly,” she said.

Katie said she is already brainstorming about her project for next year’s Science Fair. In addition to enjoying science, Katie plays the clarinet for the DMS Cardinal Band and the Flint Institute of Music’s Flint Youth Philharmonia. She is also very excited about being selected to join the Davison High School Symphonic Band next year as a freshman.

Congratulations also go to the following students who placed at this year’s Flint Area Science Fair:

Central Elementary

Natalie Benjamin, fourth grade, third place, \$150 gift card, “Can Spices Inhibit Bacterial Growth?”

Tyler Prim, fourth grade, fifth place, \$50 gift card, “Spinertia.”

Hahn Intermediate

Tyler Kosiara, fourth place, \$150 gift card, “The OJ Effect.”

Jared Bearup, sixth grade, honorable mention, “It’s a Bird, It’s a Plane, It’s a ... Ball?”

Nicole DeLong, sixth grade, research fellow, “Do Mnemonics Work?”

Maizie Dutkiewicz, sixth grade, honorable mention, “Antacid Potency.”

Josie Roberts, sixth grade, research fellow, “Fabric Softener Flames.”

Ellie Timmons, sixth grade, honorable mention, “Is there an alternative to just ‘putting some ice on it’ when treating a soft tissue injury?”

Davison High School

Melissa Beatty, ninth grade, sixth place, \$300 gift card, “Water Walls.”

Rachel Brown, ninth grade, sixth place, \$300 gift card, “Insulation Innovation.”

Jennifer Tourgee, 10th grade, sixth place, \$300 gift card, “Clean, Green Energy: Could Earth’s Core Be the Answer to the Energy Problem?”

Davison Middle School

All students are eighth graders:

Kassie Gormley, second place, \$400 gift card, “Material Matters.”

Jacob Hill, second place, \$400 gift card, “Phosphorus Removal From Water.”

Gillian Anschutz, third place, \$250 gift card, “Quake Me Maybe.”

Brooke-Lin Hosner, third place, \$250 gift card, “How Do You Take Your Tea?”

Joseph Luna II, third place, \$250 gift card, “Cold Energy.”

Alyssa Dorman, fourth place, \$150 gift card, “Keep the Cold Out.”

Jacob Dorow, fourth place, \$150 gift card, "Temperature is the key to improving your golf score."
Tyler Phillips, fourth place, \$150 gift card, "The Impact of Router Types and Different Materials on Wi-Fi Signals."
Madalin Roberts, fourth place, \$150 gift card, "The Effects of Feed Additives on Egg Qualities."
Emily Schroeder, fourth place, \$150 gift card, "Quality on Tap."
Tyler Smith, fourth place, \$150 gift card, "Do Cell Phones Leak Radiation?"
Jensen Vickerman, fourth place, \$150 gift card, "Horses Recognizing Color."
Nathaniel Mudge, fifth place, \$100 gift card, "Magnificent Breakfast Cereal."
Michael Nickels, sixth place, \$50 gift card, "Efficiency of Metals in Water."
Calvin Adams, honorable mention, "The Effects of Different Liquids on Plant Growth."
Amanda Adolph, research fellow, "How Well Wood Resists Water."
Remington Ballard, honorable mention, "Coca-Clean."
Katelynn Barrett, research fellow, "The Egg Experiment."
Tennison Barry III, honorable mention, "Battery Vampires."
Jenna Bearup, honorable mention, "Snap ... I Got the Power."
Jerry Beaty, research fellow, "How Big of an Impact Do Different SPF Numbers Make on the Effectiveness of Sun-screen?"
Justin Bishop, honorable mention, "Aerodynamics of Balls."
Sarah Bradsher, honorable mention, "Perfect Polish."
Grant Burnett, research fellow, "Scents and Memory."
Gabrielle Cano, honorable mention, "Driving While Intoxicated."
Taylor Carter, research fellow, "Evaporation Experiment."
Trevor Coppler, research fellow, "Breaking Bridges."
Dawson Crane, honorable mention, "How Much Electricity Does Your Computer Use?"
Dylan Crane, honorable mention, "What kind of tape is strongest?"
Tiffani DeLong, research fellow, "Pick Your Pitch."
Abigail Detwiler, research fellow, "More Than the Eye Can See."
Noah Dieterle, honorable mention, "Coke vs. Mountain Dew."
Alexandra Dudock, research fellow, "Solar vs. Wind."
Ashlyn Dunham, honorable mention, "Ethanol vs. Unleaded."
McKenna Dutkiewicz, honorable mention, "Snow Pollution."
Kyle Dymowski, research fellow, "Pssssst!"
Madysen Eady, research fellow, "From Biomass to Biogas."
Olivia Eickhoff, research fellow, "Tap Water vs. Bottled Water."
Eric Fridline, honorable mention, "Coffee Grounds and Devils Ivy."
Nicholas Garcia, honorable mention, "Sol Intercedi Radiorum Electromagneticorum."
Rebecca Gerkin, research fellow, "The Effects of Music on Learning."
Jacob Gieselmann, honorable mention, "Which Wood Burns Longest?"
Kimberly Glazier, honorable mention, "Music For Your Heart."
Morgan Graham, honorable mention, "Caffeine Chaos."
Zachary Hathaway, research fellow, "Which Salt Melts Ice in the Most Efficient Manner?"
Billy Hufton, research fellow, "Absorbency difference between plys."
Graham Hungerford, honorable mention, "Convection Rate of Water."
Samantha Hunsinger, research fellow, "Running the Rover."

Hunter Ireland, honorable mention, "Beneficial Effects of Video Games."
Jared Jacobsen, honorable mention, "How High Will a Golf Ball Bounce?"
Madeline Karr, honorable mention, "Handedness and Brain Lateralization."
Alexandria King, research fellow, "Light Bulb Efficiency."
Taylor Kosiara, research fellow, "Band Versus Orchestra: The Pitch Perception War."
Caitlyn Locke, honorable mention, "Soda and Your Body."
Emily R. Martin, research fellow, "Is Garlic Really a Medical Wonder?"
Megan Martin, research fellow, "How Acid Rain Affects Plant Growth."
Marina Masters, research fellow, "Fabric Frenzy"
Marleigh Matthews, honorable mention, "Quiet! I'm Driving!"
Sydney McDowell, honorable mention, "How Many Numbers Can You Remember?"
Katie McNew, research fellow, "The Greenhouse Effect."
Hunter Miller, honorable mention, "What Burns Hotter?"
Joshua Moriartey, research fellow, "Regular Gasoline vs. Premium Gasoline."
Huyen Nguyen, research fellow, "Super Egg."
Grant Parker, honorable mention, "Penetration of Different Broad Heads."
Grant Peel, research fellow, "Which Type of Bulb is Best?"
Logan Peel, honorable mention, "Electrolyte Restoration in Sports: Which Drink Wins?"
Sam Pfiffner, research fellow, "Font's Affect on Memory."
Zackery Phillips, honorable mention, "Are We Using Too Much Water to Cook Pasta?"
Ryan Pratt, research fellow, "The Perfect Ball."
Arinn Pray, research fellow, "Beet vs. Basil."
Maria Pyland, research fellow, "How Lack of Sleep Affects Concentration."
Andrea Refice, research fellow, "Hunting For Answers About Ammunition."
Jessica Riley, research fellow, "Going Green: Fact or Fiction?"
Ricky Robbins, research fellow, "How Loud is Too Loud?"
Hanna Schian, research fellow, "How Many Balloons Does It Take to Lift a Person?"
Trent Schumacher, research fellow, "Wooden Bats vs. Aluminum Bats."
Sarah Shaffer, honorable mention, "Hear Me Out."
Makaylah Sheroski, research fellow, "The Slow Destruction of the Planet."
Danielle Silva, research fellow, "Just What Gets the Ink Out?"
Chris Smith, research fellow, "Aluminum vs. Wood Bats."
Claire Stoddard, research fellow, "Do Sports Improve Grades?"
Miranda Strobl, research fellow, "Which of These Nine Is the Strongest Line?"
Tiara Sutton, honorable mention, "Are You Normal?"
Samantha Tracey, research fellow, "Do Light Bulbs Show Their True Color?"
Emmerson Unger, honorable mention, "Decomposition of Fruit."
Evan Vandeputte, honorable mention, "Up, Up And Away."
Justin Wagner, research fellow, "What to Use When Growing Plants?"
McKenzie Wagner, research fellow, "Soil Erosion."
Cameron Whalen, honorable mention, "Carbon Footprint."
Noah Willett, research fellow, "Talking Trash."
Zachary Young, honorable mention, "Fishing for the Best."

BPA students headed to state conference Friday, Saturday

Eight Davison High School students will compete at the Business Professionals of America (BPA) state leadership conference Friday and Saturday.



Jerome Strawser will compete for a seat on the BPA State Executive Council.

One of those students, **Jerome Strawser**, will be on the campaign trail as he has been selected as a candidate for the BPA State Executive Council. While that means he will have to give a speech in front of the entire State of Michigan BPA, surprisingly, the Davison High School senior appeared pretty calm and collected as he worked on campaign posters in Mrs. Amy Fanning's classroom before school Wednesday morning.

"I guess the only word that comes to me is that I am pumped," Jerome said. "I am a little nervous and several people have asked me why I would want to do this. Well, I like people and I like public speaking. One of my favorite things is going up in front of people and speaking."

As the owner of not one but two small businesses, Jerome already has some experience working with the public. He develops and manages websites and also owns a concession trailer that sells hot dogs, hamburgers, bratwursts and snow cones at various events. He purchased the trailer and necessary permits with money that he had been saving since seventh grade. And despite his young age, he understands the key to running a successful business: great customer service.

"We put off a positive atmosphere and our customers always know they are right," Jerome explained. "You get a hamburger with onions and you decide you don't want them? That's OK, we'll make you a new hamburger."

After graduation, Jerome plans to attend Oakland University to study economic and political science and then head to law school at the University of Michigan. He will focus on business law so he won't necessarily have to hire an attorney when he realizes his dream of opening up a chain of hamburger restaurants.

In addition to his bid for the executive council, Jerome will also be competing at this weekend's conference in the Legal Office Procedure event. Each event has its own criteria for competing; for example, Jerome will be taking a standardized test. Other events may require a speech, presentation or essay. The challenge is that contestants only have about two weeks to prepare.

"The kids who are going have worked really hard," said Business Teacher and BPA Sponsor **Amy Fanning**. "They are a great bunch of kids that I think will do very well but it will be a great experience for them whether they place or not."

In addition to Jerome, these BPA students will be competing in the following areas: **Cameron Kenkel**: Human Resource Management; **Katelyn Smiles**: Entrepreneurship; **Samantha Maule**: Fundamental Word Processing Skills; **Haleigh Seidell**: Economic Research Project Individual; **Brandon McDonald**: Economic Research Project Individual; **Eddie Sinclair**: Interview Skills and PC Servicing and Troubleshooting; and **Alan Purdy**: Computer Security.

Athlete Kolbie Brow and Coach MacLachlan earn Class A All-State honors

Congratulations go out to Girls' Varsity Basketball team point guard **Kolbie Brow** and Coach **Dick MacLachlan**. Both have been named to the Associated Press Class A All-State Team as announced last Friday.

Kolbie is one of 10 players in the state selected to the All-State Team. Coach MacLachlan has been named Co-Coach of the Year, sharing the honor with Kevin Richards from Grosse Pointe South.

Kolbie, along with teammates **Mariah Ferris** and **Tori Bellamy**, were named to the Saginaw Valley All League First Team. **Morgan Hitchcock** was named Second Team and **Theresa Dray** and **Leela Leach** were named Honorable Mention. Coach MacLachlan was named Co-Coach of the Year for the League.

The team won 21 consecutive games this season and was unbeaten against its rivals in the Saginaw Valley League South.

Hockey players named to League's All-Valley Team

Varsity Hockey player Mitchell Margitan was named First Team on the Saginaw Valley League's All-Valley Team. Mitchell, a junior, is a forward on the team.

Teammates **Drew Vandeputte**, **David Arterburn** and **Ricky Gonzalez** were named Honorable Mention.

Boys' Basketball athletes named to SVL South All League Team

Senior **Jordan Carnizales** has been named First Team on the Saginaw Valley League's South All League Team. **Joe Thwing** was named Second Team and **Dalton Root** earned Honorable Mention. Congratulations to all of our winter athletes!