

BRONCO Bulletin



UNION GROVE
UNION HIGH SCHOOL

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Dremel 3D Printing Technology Helps Students Create, Explore, and Innovate

The addition of seven Dremel 3-D printers has opened up new learning opportunities for educators and students in Art, Math, Science, and Technical Education. UGHS staff have led the way by teaching new applications for 3D printing and by promoting innovation, creativity, and project based learning throughout the curriculum.

Our Engineering class is partnering with **Knots2U** of Burlington to create and design replacement steering wheel parts for Learjets. The 3D printers will provide relevant real world experiences for our students that will mirror the design efforts of industry. A printer will be housed in Art, Science, and Engineering permanently, to enhance lessons. In addition, four printers will be available to all teachers on a cart for easy transfer around the building, to help support student-led projects.

Teachers spent several hours in training to learn how to use the 3D technology, and to explore content applications with Mr. Boylen, Mr. Wald, and Gateway Faculty during our February in-service. Teachers used **Tinkercad** to create a small project, and then explored curricular ties such as making anatomical models, using printed geometric shapes to tangibly visualize mathematics, and using 3D printers as a design tool in Art.

Thank You to Our Business Partners! Additional partnerships with business allow UGHS to expand real world learning experiences in the future.

UGUHS Named to AP Honor Roll as Students Continue Strong Performance

The College Board named 22 Wisconsin public school districts to its Seventh Annual Honor Roll, including UGUHS. The honor roll recognizes districts that simultaneously increase access to AP coursework while increasing the percentage of students earning a three or higher on their AP exams.

Last year, 172 UGUHS students took a total of 271 AP exams. 74.4% of these students achieved a grade of 3 or higher. Statewide, 67.9% of Wisconsin students earned a 3 or higher.

(Story continues on page 4)



Teachers in training



District News



Scholastic Art Competition Winners



Award Ceremony at the Milwaukee Art Museum

(L-R) Jaye Buchner, Audrey Black, Ms. Zangerle, Mr. Kravig at MAM.

Congratulations to the art students whose artwork received recognition from the 2017 Wisconsin Regional Scholastic Art Competition!

Audrey Black earned a Silver Key in Photography, **Jaye Buckner** received an Honorable Mention in Painting, **Karissa Franceschina** earned an Honorable Mention in Sculpture and a Gold Key in Drawing, and **Rebecca Waupoose** received an Honorable Mention in the Sculpture category. Audrey's photograph and Karissa's drawing were on display at the Milwaukee Art Museum February 4- March 19, 2017.



Karissa Franceschina,
"Charcoal Skulls"



Karissa Franceschina,
"Deconstructed Elephant Head"



Rebecca Waupoose,
"Into The Night"

DECA to Compete at Nationals

Congratulations to Advisors Mr. Swanson, Ms. Andreoli and the entire DECA team on a fantastic showing at the state DECA Competition recently held at the Grand Geneva in Lake Geneva, WI.

In January, the members took tests and did role plays against 20 area schools.

Those that did well advanced to the state competition In March. Those that finished

in the Top 2 would advance to

the national competition in Anaheim, California in April. We are proud to announce that Jacob Genal and Emily Rasmussen qualified for the International Competition. Good luck Jacob and Emily!



(L to R) Emily Rasmussen; Eric Swanson, Advisor; Jacob Genal

Union Grove started a DECA chapter this school year. DECA is a student organization that is designed to prepare emerging leaders and entrepreneurs for careers marketing, finance, hospitality, and management. There are 3,500 high schools and 275 colleges around the globe with DECA chapters, with over 215,000 current members. The Union Grove DECA has 41 members, which is an outstanding number for its first year!

If you are an alumni of DECA or a business professional that would like to be involved, there are alumni and professional memberships. For more information, email Mr. Swanson at swaneri@ug.k12.wi.us.

ProStart Team Finishes 5th at State Competition

The results are in...our ProStart team placed 5th out of 23 school teams in the Wisconsin ProStart Invitational. This is phenomenal in their second year of competition. Congratulations to the team and coach Kristin Armstrong!

Since January, Chef Irene Pawlisch from Taher, Inc. mentored the team during weekly practices in anticipation of the state competition. The team came together in December and practiced intensely the past two months leading up to the state culinary competition on March 14. In preparation for their

upcoming competition, the ProStart students prepared and sold their delicacies to students and staff as a featured meal one day.

By bringing together the industry and the classroom, ProStart gives students a platform to discover new interests and talents to open doors for fulfilling careers. It happens through a curriculum that includes all facets of the industry, and sets a high standard of excellence for students and the industry. Student team members are, Thalia McKnight, Taryn Kunstman and Michelle Anderson.

ProStart Students Chef Up a Special Meal, Take 5th Place at Invitational





Ag Comes to the Grove

Alan J. Mollerskov,
District Administrator

Community State Bank recently hosted an appreciation event for local farmers. It was an honor to be able to speak at this gathering. Our school is looking to start an Agriculture Program for the 2018-19 school year. There are many areas we could cover, from Animal Science to Plant and Soil Science, as well as Veterinary Science, Aquaponics, and more. Once we begin offering Ag classes, we will be able to apply for an FFA (Future Farmers of America) chapter at our school. This, too, would be a great benefit for many of our students. We are hoping for community support as we move forward with this valuable enhancement to our educational environment.



(L-R) David Moyer, Community State Bank Sr. V.P.-Agricultural Manager, Diane Skewes, UGHS School Board President, Al Mollerskov, District Administrator

Juniors Take ACT and ACT Workkeys



On February 28 and March 1, UGUHS juniors as well as all juniors in the state of Wisconsin took the ACT test and its counterpart, the ACT Workkeys. The ACT is a four-and-a-half hour test used by colleges as a measurement of college readiness. It is also used for college acceptance, for scholarship decisions, and as part of Wisconsin's School Report Cards.

The ACT Workkeys is a three-hour test, and provides an indication of workplace skills readiness in the areas of applied math, locating information and reading for information.

Juniors worked with their Advisors on Method Test Prep for two weeks to earn a diagnostic score that predicts how well he or she would do on the actual ACT test. Students are then quizzed on questions and exercises similar to ACT questions. At the end, the students took another diagnostic to see their gains. We are all very proud of the preparation and the seriousness that our juniors displayed in taking these important tests!

Senior Jake Knuth Earns Eagle Scout Rank

Jake recently received this highest Boy Scout honor by completing a service project for Bong Recreational State Park. The park requested 10 duck homes, and he built and delivered 20 homes with poles. Becoming an Eagle Scout was a dream for Jake since he was in first grade at Raymond School. Jake has also lettered in sports and academics and is a member of NHS and Key Club. Congratulations!



-cont'd from page 1

AP Honor Roll

There are 13 AP classes offered at UGUHS. All courses conclude with a voluntary end-of-year exam. Students who earn an exam score of three or higher on the five-point scale may receive college credit, advanced standing, or both from most colleges and universities.

In the last decade, the number of Wisconsin public school students earning a qualifying AP test score has increased by 10 percentage points, giving them a head start on post-secondary studies.

The College Board estimates that Wisconsin's public school graduates and their families will save about \$37.6 million in college costs through qualifying AP exams.

7th Annual AP Honor Roll Public School Districts

Amery	Lake Geneva-Genoa City UHS
Ashwaubenon	Kohler*
Burlington Area*	Lake Mills Area*
Cedar Grove Belgium Area	Luxemburg-Casco*
De Pere Unified	New Berlin*
Eau Claire Area*	Pewaukee*
Evansville Community	Richland
Germantown*	Saint Croix Central
Grafton	Tomorrow River
Jefferson	Union Grove UHS
Kewaskum	Waunakee Community*

*District has achieved the honor for multiple years.

New Classes for 2017-18

UGHS proudly announces the following new classes for next year:

Microsoft Essentials, Sports Entertainment and Marketing, Business Management, Introduction to Computer Science, Digital Photography, Statistics, Applied Mathematics, Chorus I, Jazz Ensemble, Beginning Guitar, Music Theory, and Human Body Systems.

Because of our very student-centered and dedicated teaching staff, we are able to expand new offerings in Business and Computer Science, Music, Art, Math and Science. These offerings make our course guide even more robust and give our students many new choices for career exploration, enrichment and the chance to earn college credit through Gateway Technical College and an industry-recognized certification.



Bronco EXPO!

September 13, 2017

Next year's **Bronco Expo** will be during the Open House on September 13. This is great opportunity for our students to meet community leaders and learn about real-world career and job opportunities. To participate as a business or volunteer, please contact **Stacey Duchow** at sduchow@ug.k12.wi.us.

Students Participate In the Commons High School Entrepreneurship Program

Four UGHS Broncos were among 72 students invited to participate the **Commons High School Entrepreneurship Program**. The Commons is a bold collaborative between southeast Wisconsin's 24 postsecondary education institutions, dozens of local companies, and hundreds of mentoring professionals. Located at Ward 4, "Milwaukee's Lighthouse for Innovation," our Broncos explored the innovation process through experiential learning.

Over two Sundays in March, our students were given one of five innovation challenges and were able to create their own startup company that provided a solution to their given topic. Students worked in teams to create a business plan and product, and received mentorship from 20 local business professionals. The experience culminated in a pitch session where students presented their company to parents, mentors, and educators. This experience helped our Broncos gain 21st learning skills for success in any future endeavor.

Savannah Storck Photography Award



Senior Savannah Storck has been named a finalist in the "College and High School Category" of the Annual Photographers Forum Magazine photography contest. Savannah's picture was from a project in Media Arts class, and was chosen as a top 100 finalist out of 13,000 entries received. She received an Honorable Mention award! Her work will be published in the Professional Photographer's Forum annual hardcover book, and she will receive a prize and recognition certificate for her work. Congratulations!



Participating Broncos: Jacob Meiland, William Slattery, Alexis Daigle Jared Perri



Athletics

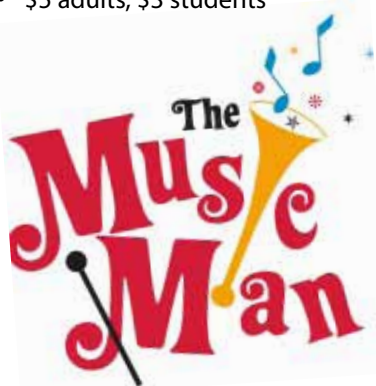
Safe Sports School Award

UGHS has won the national "Safe Sports School Award." This award is given to schools that take detailed steps to keep athletes free of injuries, such as having emergency action plans, maintaining proper protective equipment, developing injury/illness prevention strategies, and providing psychosocial/nutritional counseling and referrals. Congratulations to our trainer, Chelsea McShane, and all of our coaches for being recognized for their efforts to put the safety of our students above all else!



Yorkville School Presents...The Music Man!

- May 5-6, 2017 at the high school performing arts center
- Tickets at the door
- \$5 adults, \$3 students



Girls Earn 3rd Southern Lakes Conference Championship



Robert Domagalski, Mathematics Teacher, Head Varsity Girls Basketball Coach



The Union Grove Girls' Varsity Basketball Team has put another successful season in the books this year.

The Broncos fought an uphill battle to earn a 3rd straight Southern Lakes Conference title. With a 20-4 record, the girls were nearly unstoppable. Throughout the season the girls' varsity team was named the "Team of the Week" and had individual players be 'crowned' Player of the Week by The Racine Journal.

With the help of her teammates, Janelle Shiffler reached the 1,000 point milestone and broke the school record for points scored in a season with 447 points. Shiffler was named Southern Lakes Conference Player of the Year. Brooklyn Bull and Janelle Shiffler made 1st Team All-Conference, while Alyssa Kus received Honorable Mention. Bull also made history, breaking the school record for the most 3-pointers made in a season with a total of 63. Bull is well on her way to reaching 1,000 points for her senior year, 2017-2018.

The Broncos finished their season ranked 6th in the State Coaches Poll, but falling in the regional final to the Milton Red Hawks. The Girls' Varsity Basketball Team graduates three seniors - Samantha Boettcher, Jenna Rainey, and Janelle Shiffler. Although they will be missed, the Broncos still have a promising future ahead of them with eight returning players and a lot of talent in the younger levels coming their way.

Broncos Present At the Manufacturing Matters Conference

The Wisconsin Manufacturing Extension Partnership asked UGHS in partnership with the Milwaukee 7 and South Milwaukee School District to share how career based learning experiences can support student exploration in this field. UGHS shared their experiences on district-wide efforts in career preparation, such as the Bronco Business and Career Expo, and how these efforts have helped students explore various career pathways.

Manufacturing matters, especially in Southeast Wisconsin. The Manufacturing sector runs deeply through our economic veins as this industry sector employs about 16.4 % of Wisconsin's workforce and includes major employers in our area such as American Roller, Coleman Tool, SC Johnson, Krones, Inc., and Badger Meter. Labor shortages in manufacturing are occurring now, but are predicted to worsen in years to come.

Student exploration is a key for the manufacturing industry to grow a talent pipeline. Student William Slattery spoke about his internship experience at Krones, Inc. and how this career-based learning experience will help in his future endeavors in International Business. William did not know how many international manufacturing businesses were located in the Union Grove area, and now he can see a potential future, close to home. He also shared how learning the operations of the business in high school will help him be a more effective business manager in the future. By partnering with local businesses, UGHS is able to give students richer career exploration that will lead to college- and career-ready students who are informed future workforce members.



L-R Stacey Duchrow, Career Academies & Assessment Coordinator, William Slattery and representatives from South Milwaukee HS.

► To date , our students have had 1,100 career-based learning experiences!

Gold Key Award Winner

Karissa Franceschina with her Gold Key winning drawing, *Charcoal Skulls*, on display at the Milwaukee Art Museum



Union Grove Relay for Life

Friday, June 2, 2017

6 p.m. – 1 a.m.

Racine County Fairgrounds



Bronco Bulletin

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Hall of Fame

Nominate a Bronco by May 1!

The Union Grove Union High School Hall of Fame Committee invites the community and UGUHS alumni to think back to their memorable high school years, and send in nominations of distinguished graduates of UGUHS. Past or present teachers, advisors, coaches, administrators, and those people who have given meritorious service or been a loyal friend to UGUHS can also be nominated.

Forms can be picked up in the high school office or downloaded from the school website at www.ug.k12.wi.us. **Submit by May 1.**

APRIL 3 - HYPNOTIST SHOW

UGUHS Student Council presents hypnotist Jim Wand for two shows, April 3 at 9:00 a.m. (students only) and 7:00 p.m. in the PC (open to the public). Tickets are \$10 and can be purchased at the front entrance office during the school day or at the door.



APRIL 2017

3	Jim Wand Entertainment - Hypnotist Show 7:00 pm Performance Center. Tickets \$10 at the door.
10	Regular Board of Education Meeting
12	NHS Induction - 7:00 pm, Performance Center
14-21	Spring Break
28	Senior One-Act Play - 7:00 pm, Performance Center

MAY 2017

1-12	AP Testing
5-6	"The Music Man" by Yorkville School, 7:00 p.m. UGHS Performance Center Tickets - \$5/Adults, \$3/Students at the Door
13	Junior Prom - 5:30 p.m. Grand March, Large Gym
16	My Life
17	Awards Night - 7:00 pm Performance Center
19	Senior Banquet
20	Seniors - Racine Rotary Prom
22	Band Spring Concert - 7:00 p.m. Performance Center
23	Broadway in Concert (Choir Concert) - 7:00 pm Performance Center
28	Graduation - 1:00 pm Large Gym
29	Memorial Day - NO SCHOOL
30-31	Freshman, Sophomores, Juniors Only

JUNE 2017

1	Freshman, Sophomores, Juniors Only - End of Term 4 - Early Release 11:30 am
2	Staff Development - NO SCHOOL
11	Belle City Brassworks Concert - 3:00 pm UGHS Performance Center
	Bronco Expo - September 13, 2017



Please check our school website for the complete athletic schedule at www.ug.k12.wi.us

MISSION: The Union Grove Union High School Staff, in cooperation with parents and the community, will equip students with the skills necessary for a productive life in an ever-changing world.